

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070180.D
 Acq On : 17 Dec 2021 22:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 06:00:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	977522	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1631256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1526663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	656638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	829341	54.949	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.900%	
35) Dibromofluoromethane	8.021	113	563212	55.120	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 110.240%	
50) Toluene-d8	10.440	98	2199129	53.601	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.731	95	842024	56.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 113.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	480472	42.142	ug/l	100
3) Chloromethane	2.301	50	595828	41.714	ug/l	99
4) Vinyl Chloride	2.443	62	561673	42.765	ug/l	99
5) Bromomethane	2.834	94	307008	43.026	ug/l	100
6) Chloroethane	3.006	64	349755	43.457	ug/l	98
7) Trichlorofluoromethane	3.368	101	761613	44.183	ug/l	97
8) Diethyl Ether	3.821	74	350562	52.803	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.199	101	476653	49.329	ug/l	97
10) Methyl Iodide	4.414	142	630755	47.783	ug/l	98
11) Tert butyl alcohol	5.387	59	759393	266.180	ug/l	99
12) 1,1-Dichloroethene	4.173	96	451719	48.513	ug/l	88
13) Acrolein	4.038	56	537191	221.109	ug/l	99
14) Allyl chloride	4.835	41	1068848	50.942	ug/l	# 91
15) Acrylonitrile	5.556	53	2029928	264.051	ug/l	99
16) Acetone	4.288	43	1921202	211.607	ug/l	97
17) Carbon Disulfide	4.521	76	992550	41.260	ug/l	99
18) Methyl Acetate	4.856	43	1404989	51.268	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1968576	54.373	ug/l	95
20) Methylene Chloride	5.090	84	580940	48.133	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	474826	46.950	ug/l	84
22) Diisopropyl ether	6.498	45	2254802	54.982	ug/l	94
23) Vinyl Acetate	6.433	43	9064371	271.681	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1102240	51.886	ug/l	98
25) 2-Butanone	7.337	43	3050503	247.287	ug/l	91
26) 2,2-Dichloropropane	7.324	77	766278	46.393	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	614244	50.270	ug/l	87
28) Bromochloromethane	7.656	49	517270	46.825	ug/l	# 78
29) Tetrahydrofuran	7.686	42	1964478	262.258	ug/l	88
30) Chloroform	7.817	83	1113498	51.900	ug/l	99
31) Cyclohexane	8.094	56	958429	45.630	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	937092	51.277	ug/l	96
36) 1,1-Dichloropropene	8.220	75	762264	49.086	ug/l	96
37) Ethyl Acetate	7.415	43	1168385	50.551	ug/l	96
38) Carbon Tetrachloride	8.206	117	746045	48.991	ug/l	99
39) Methylcyclohexane	9.459	83	883537	47.833	ug/l	89
40) Benzene	8.461	78	2377132	50.080	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	616897	56.857	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	979197	51.103	ug/l	96
43) Isopropyl Acetate	8.563	43	1838714	53.758	ug/l #	94
44) Trichloroethene	9.215	130	552012	48.725	ug/l	90
45) 1,2-Dichloropropane	9.491	63	669536	52.527	ug/l	100
46) Dibromomethane	9.577	93	425789	50.935	ug/l	93
47) Bromodichloromethane	9.762	83	857786	54.196	ug/l	99
48) Methyl methacrylate	9.561	41	859454	53.844	ug/l	87
49) 1,4-Dioxane	9.571	88	299808	1046.793	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	6188060	278.883	ug/l	96
52) Toluene	10.505	92	1471831	50.790	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	904731	47.658	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	972127	48.705	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	617064	52.775	ug/l	97
56) Ethyl methacrylate	10.762	69	1088797	49.382	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1085839	52.741	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1661735	276.794	ug/l	91
59) 2-Hexanone	11.087	43	4547172	270.905	ug/l	94
60) Dibromochloromethane	11.240	129	602617	48.192	ug/l	100
61) 1,2-Dibromoethane	11.347	107	626648	51.744	ug/l	100
64) Tetrachloroethene	10.977	164	505046	48.788	ug/l	95
65) Chlorobenzene	11.771	112	1570644	50.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	577268	52.956	ug/l	100
67) Ethyl Benzene	11.846	91	2965133	52.705	ug/l	97
68) m/p-Xylenes	11.953	106	2157378	105.318	ug/l	91
69) o-Xylene	12.280	106	1098522	53.240	ug/l	91
70) Styrene	12.294	104	1803081	55.110	ug/l	95
71) Bromoform	12.460	173	454977	48.864	ug/l #	99
73) Isopropylbenzene	12.578	105	2908687	49.787	ug/l	98
74) N-amyl acetate	12.387	43	1414089	54.732	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1017021	50.341	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	889156m	47.218	ug/l	
77) Bromobenzene	12.859	156	668379	48.706	ug/l	77
78) n-propylbenzene	12.921	91	3287391	50.567	ug/l	96
79) 2-Chlorotoluene	13.007	91	2044012	49.758	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2380728	50.629	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	268024	46.861	ug/l	93
82) 4-Chlorotoluene	13.106	91	1973370	51.081	ug/l	92
83) tert-Butylbenzene	13.323	119	2104391	50.541	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2346805	52.404	ug/l	97
85) sec-Butylbenzene	13.500	105	2910266	51.530	ug/l	97
86) p-Isopropyltoluene	13.616	119	2296489	52.020	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1121908	49.765	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	1100054	49.653	ug/l	96
89) n-Butylbenzene	13.943	91	1886974	52.693	ug/l	97
90) Hexachloroethane	14.211	117	385601	49.750	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1118445	50.918	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	195263	53.488	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	541854	50.279	ug/l	98
94) Hexachlorobutadiene	15.370	225	309254	53.124	ug/l	98
95) Naphthalene	15.507	128	1687941	52.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	550134	52.279	ug/l	98

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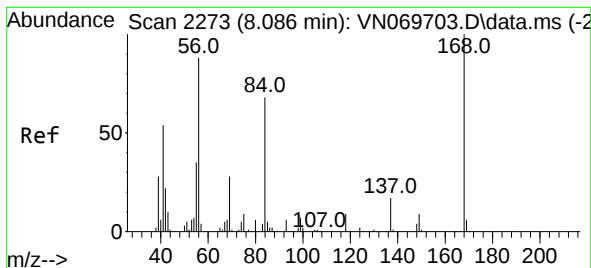
Manual Integrations
APPROVED

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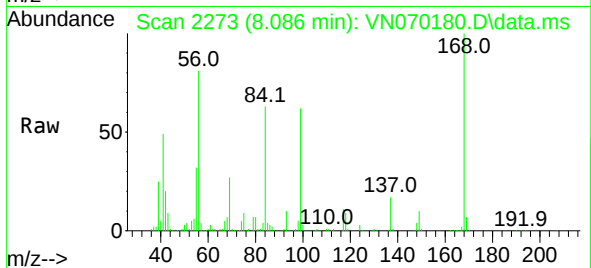
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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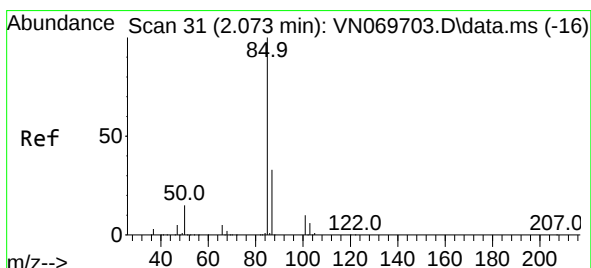
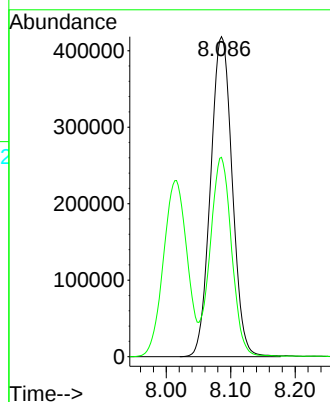
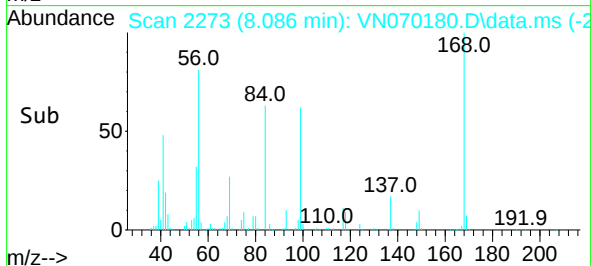
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 97752
Ion Ratio Lower Upper
168 100
99 62.1 41.3 61.9

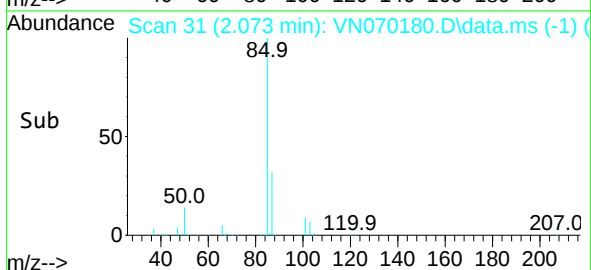
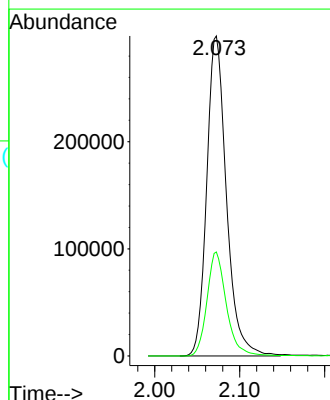
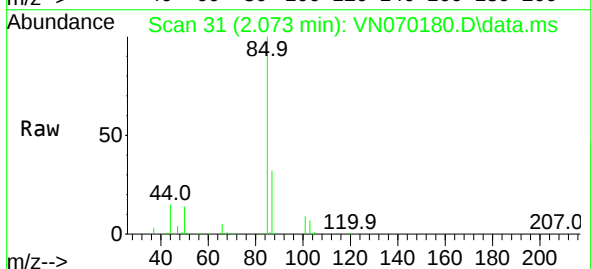
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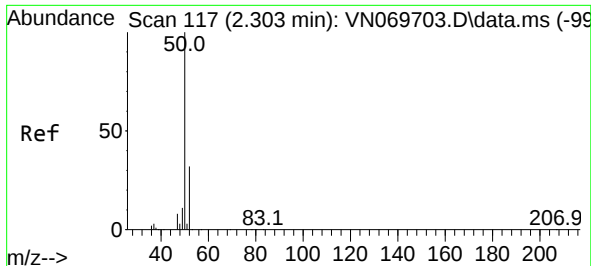
Reviewed By :John Carlone 12/20/2021
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#2
Dichlorodifluoromethane
Concen: 42.142 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

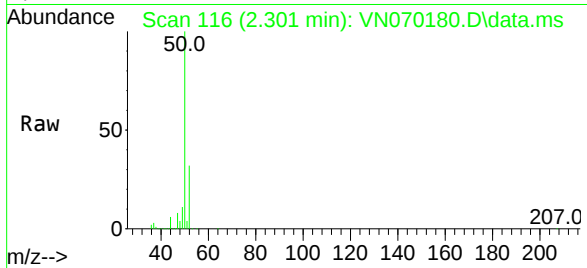
Tgt Ion: 85 Resp: 480472
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 41.714 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

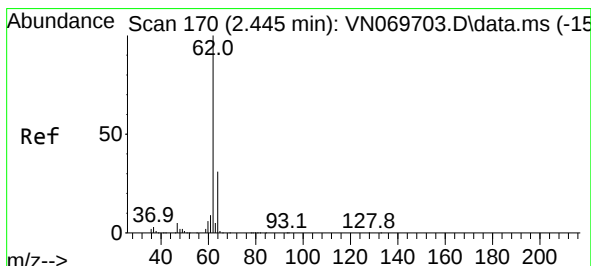
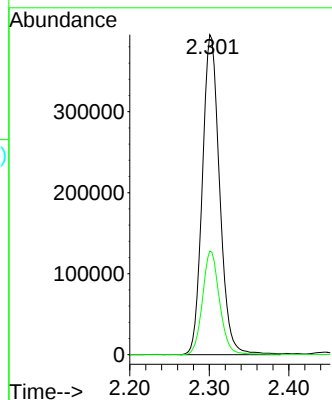
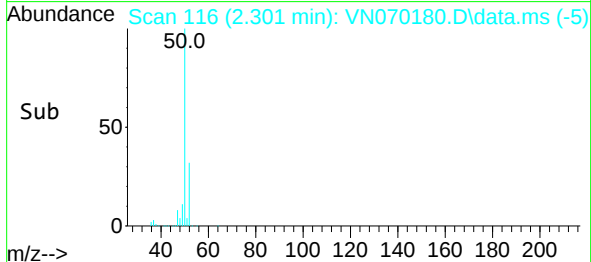
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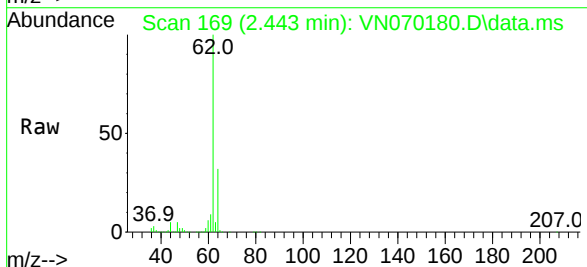
Tgt Ion: 50 Resp: 595828
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

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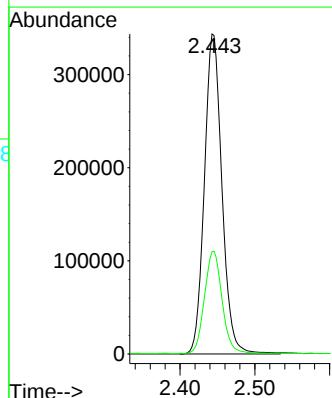
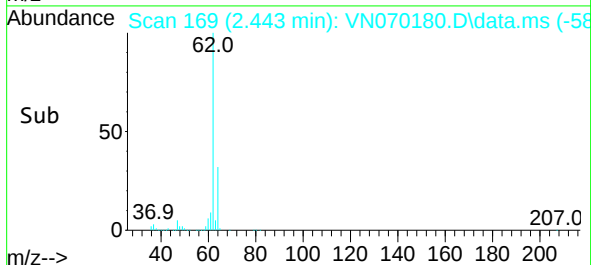
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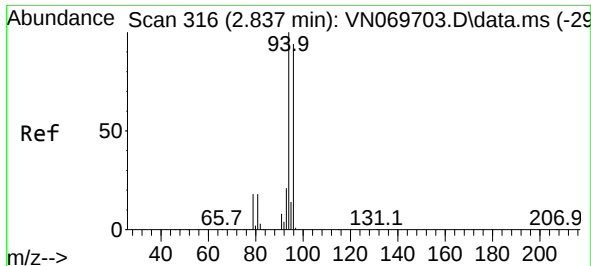


#4
Vinyl Chloride
Concen: 42.765 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



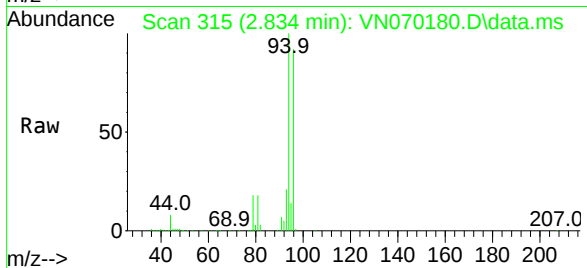
Tgt Ion: 62 Resp: 561673
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 43.026 ug/l
RT: 2.834 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

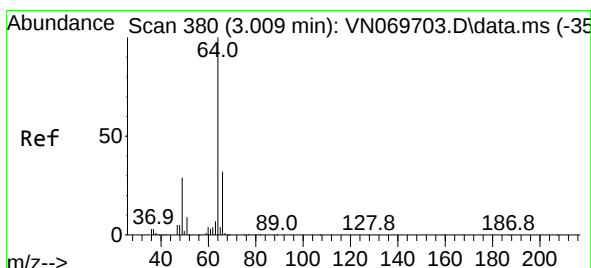
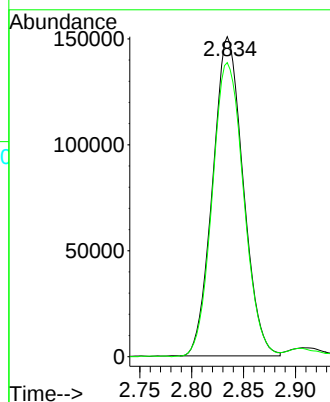
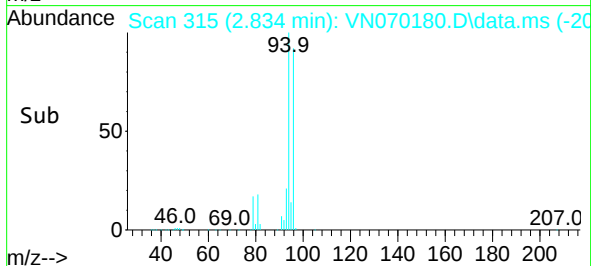
Instrument :
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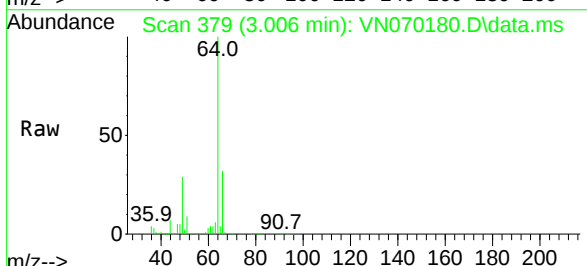
Tgt Ion: 94 Resp: 307008
Ion Ratio Lower Upper
94 100
96 91.9 73.8 110.8

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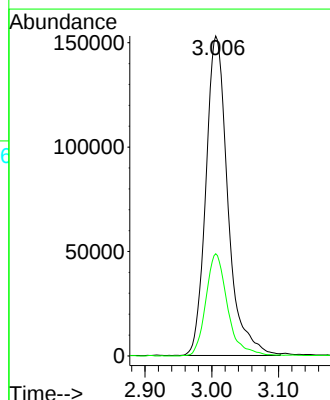
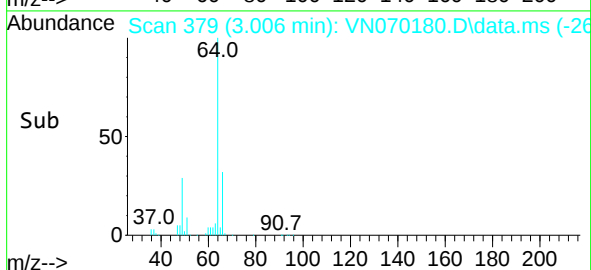
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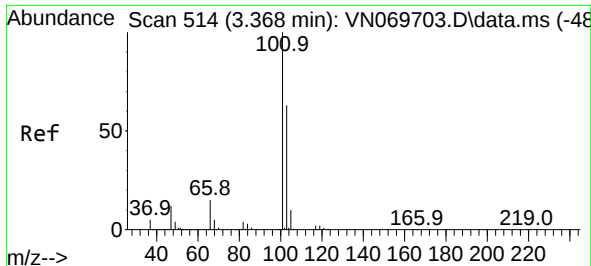


#6
Chloroethane
Concen: 43.457 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



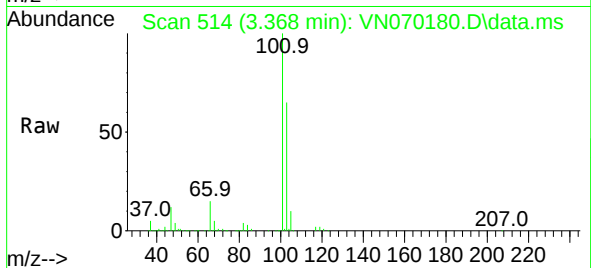
Tgt Ion: 64 Resp: 349755
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 44.183 ug/l
 RT: 3.368 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: VN070180.D
 Acq: 17 Dec 2021 22:34

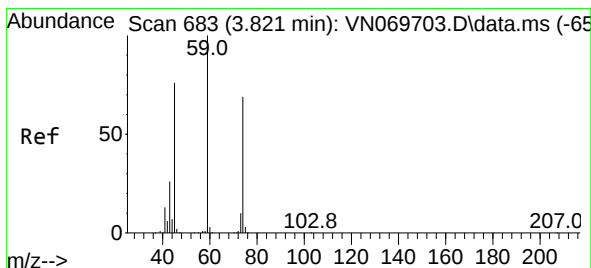
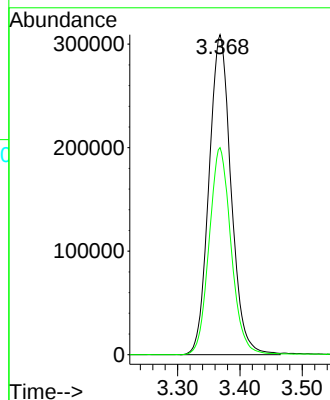
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 76161
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1

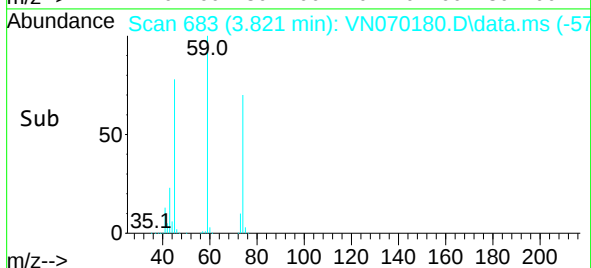
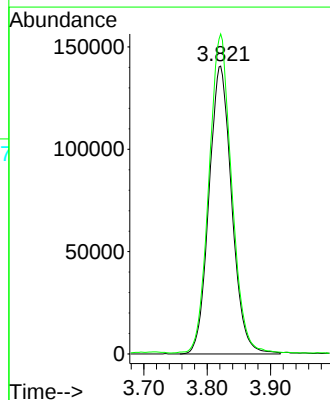
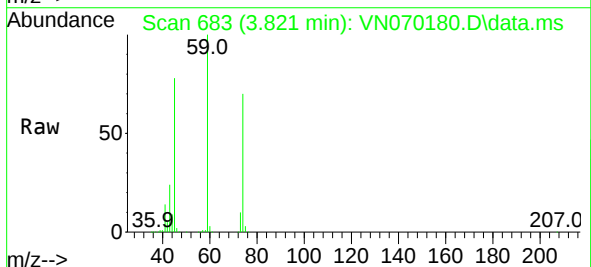
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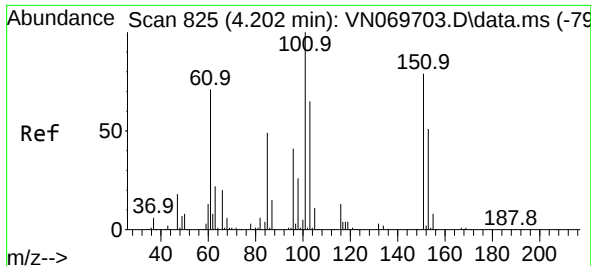
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#8
 Diethyl Ether
 Concen: 52.803 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN070180.D
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Tgt Ion: 74 Resp: 350562
 Ion Ratio Lower Upper
 74 100
 45 110.5 47.0 141.2





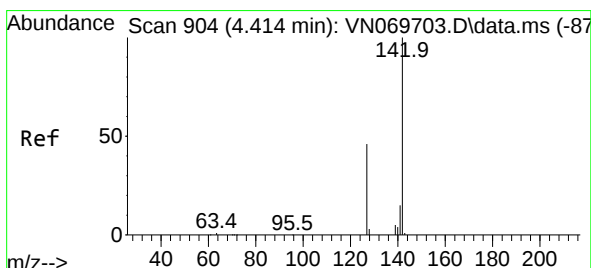
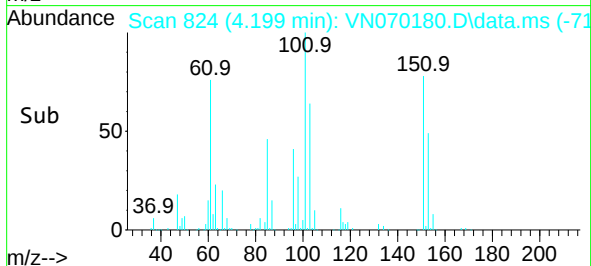
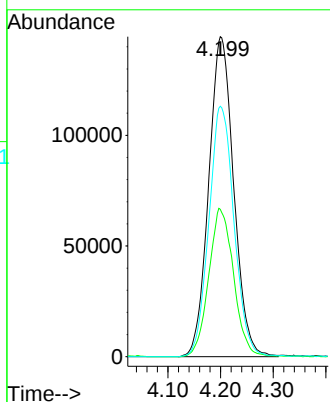
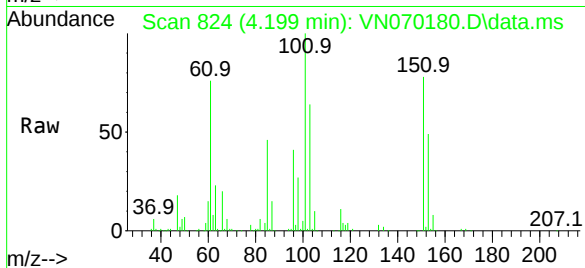
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.329 ug/l
RT: 4.199 min Scan# 825
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 47665
Ion Ratio Lower Upper
101 100
85 46.1 37.2 55.8
151 78.8 65.9 98.9

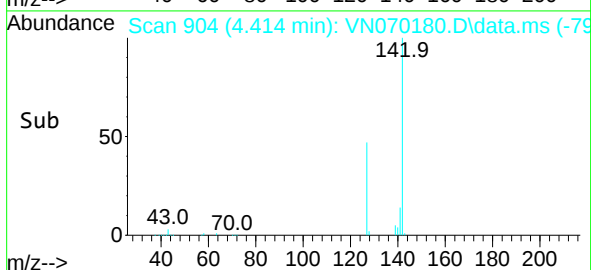
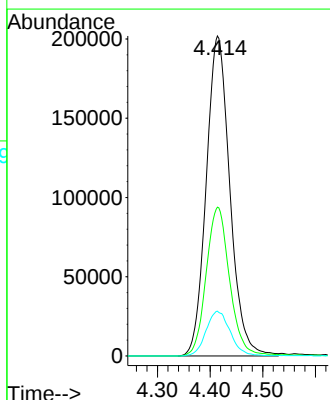
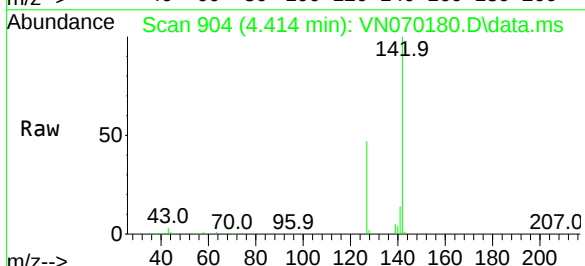
Manual Integrations
APPROVED

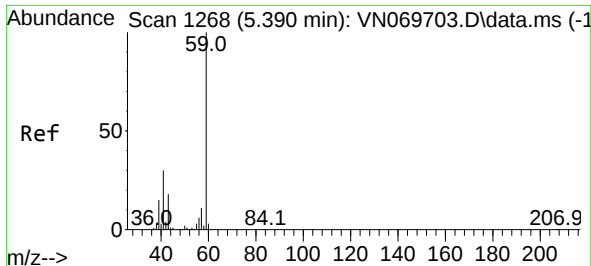
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 47.783 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

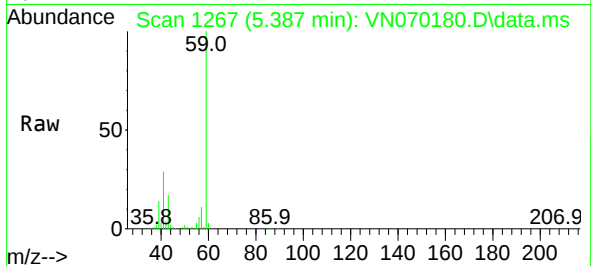
Tgt Ion:142 Resp: 630755
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 266.180 ug/l
RT: 5.387 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

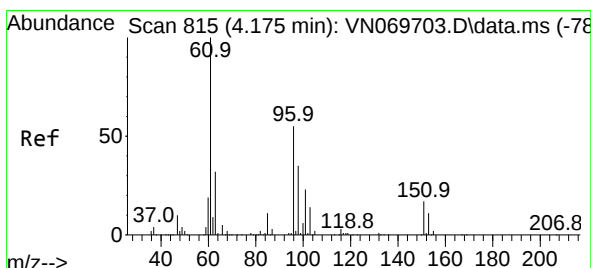
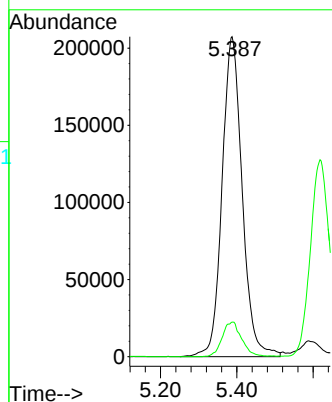
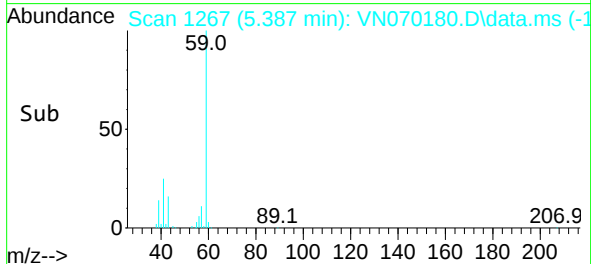
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



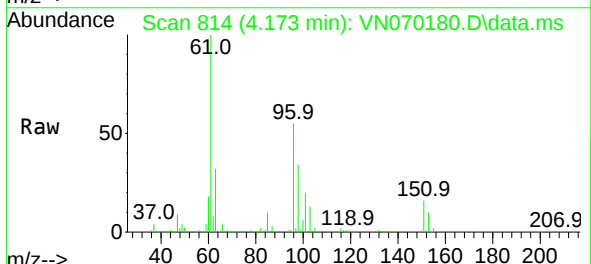
Tgt Ion: 59 Resp: 75939
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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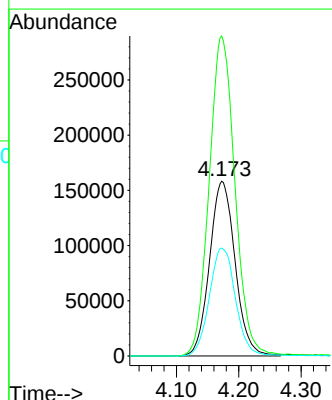
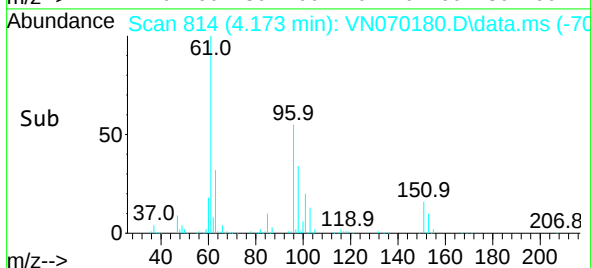
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 48.513 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



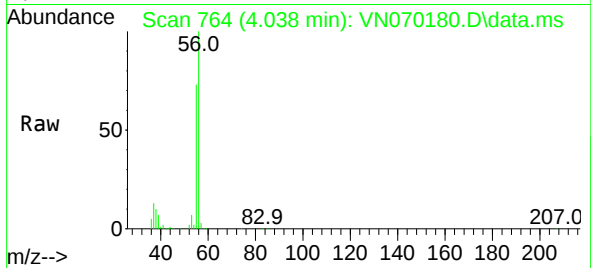
Tgt Ion: 96 Resp: 451719
Ion Ratio Lower Upper
96 100
61 182.9 131.0 196.6
98 61.7 52.4 78.6





#13
Acrolein
Concen: 221.109 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

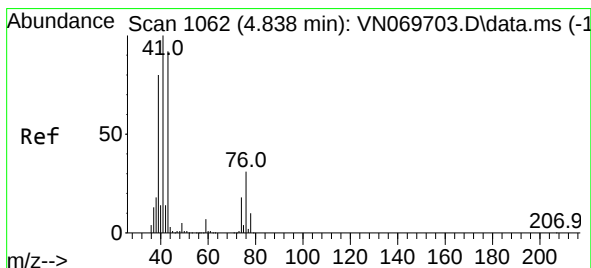
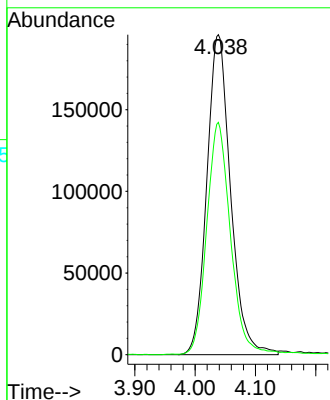
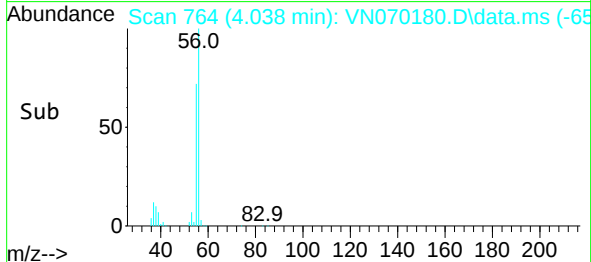
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



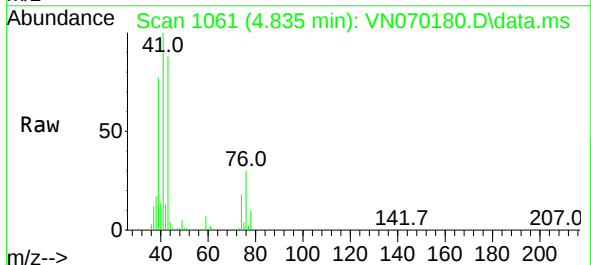
Tgt Ion: 56 Resp: 53719
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

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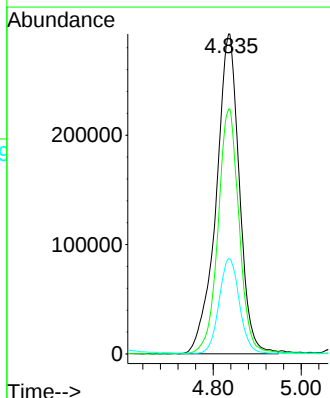
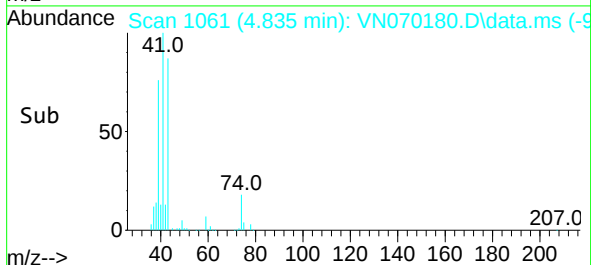
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

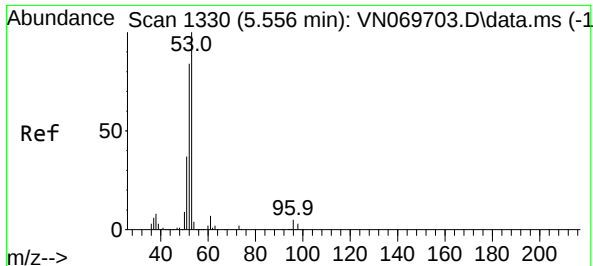


#14
Allyl chloride
Concen: 50.942 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



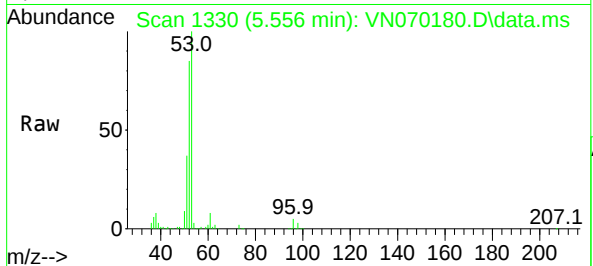
Tgt Ion: 41 Resp: 1068848
Ion Ratio Lower Upper
41 100
39 69.8 61.2 91.8
76 25.9 26.0 39.0#





#15
Acrylonitrile
Concen: 264.051 ug/l
RT: 5.556 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

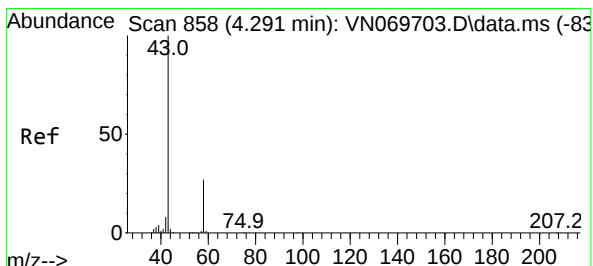
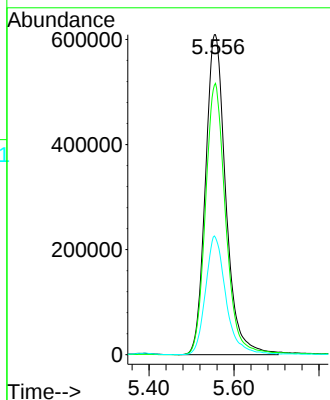
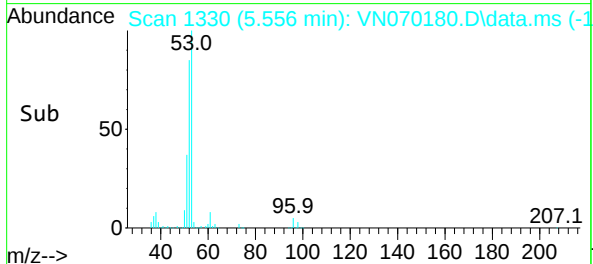
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 2029928
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.1 29.6 44.4

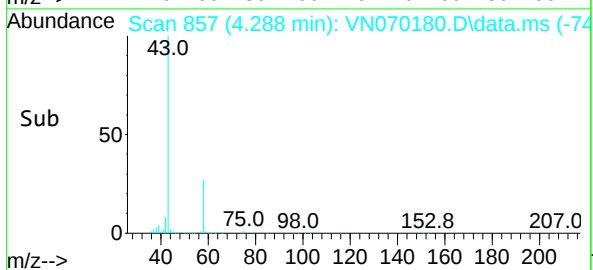
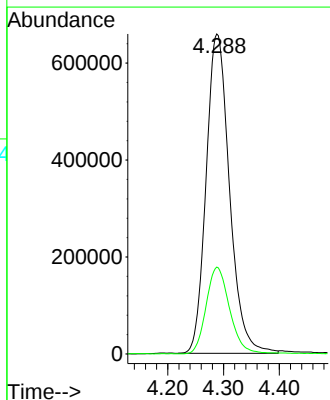
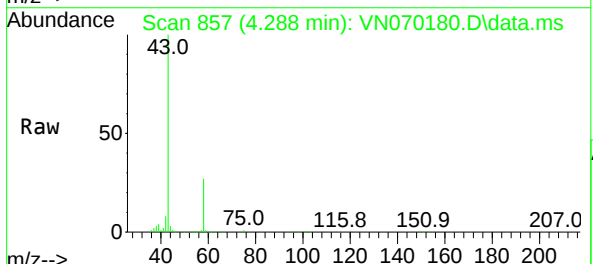
Manual Integrations
APPROVED

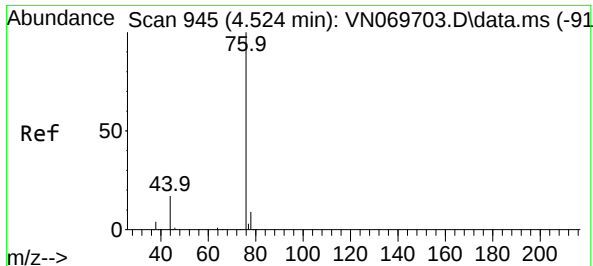
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 211.607 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

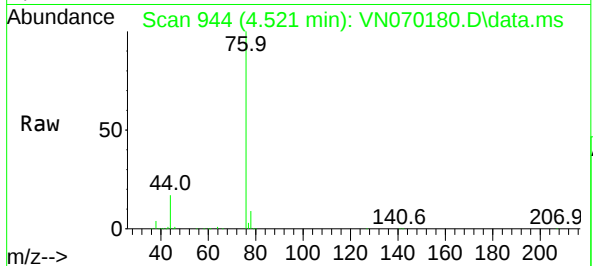
Tgt Ion: 43 Resp: 1921202
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 41.260 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

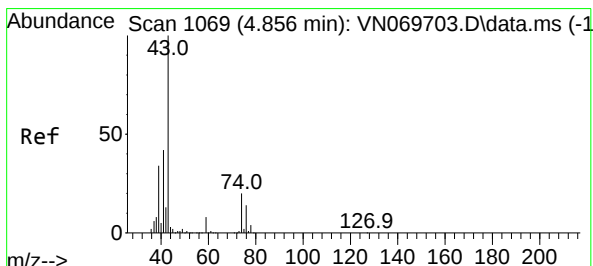
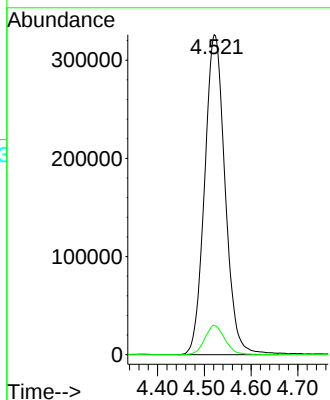
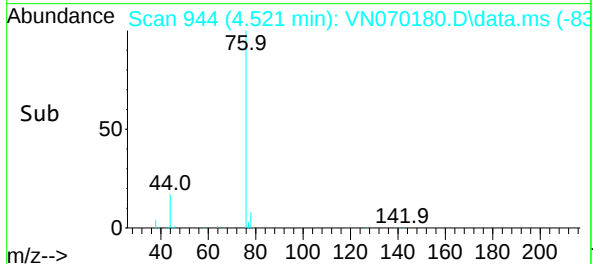
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 992550
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

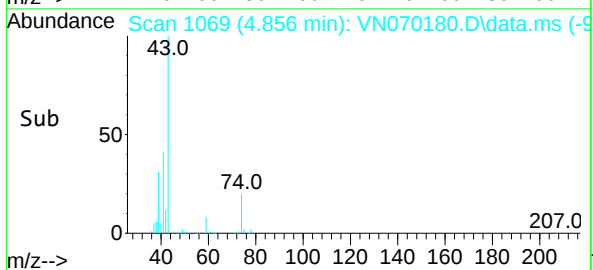
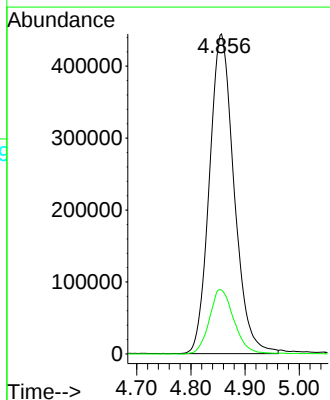
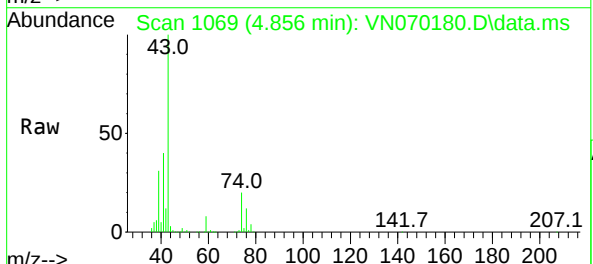
Manual Integrations
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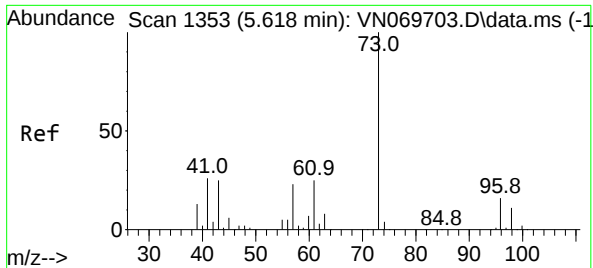
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 51.268 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

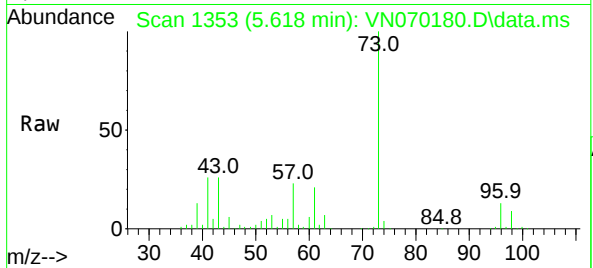
Tgt Ion: 43 Resp: 1404989
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.373 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

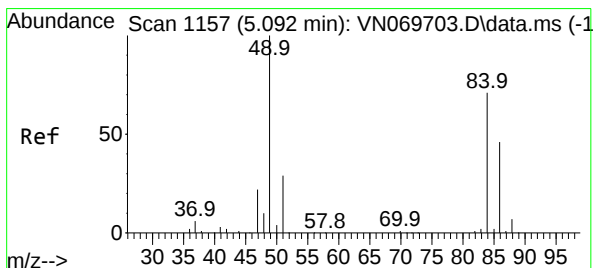
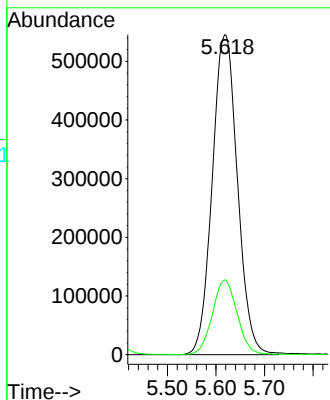
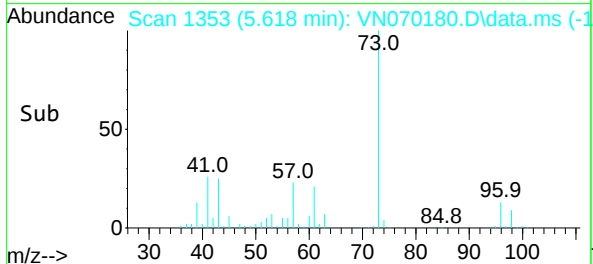
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1968570
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

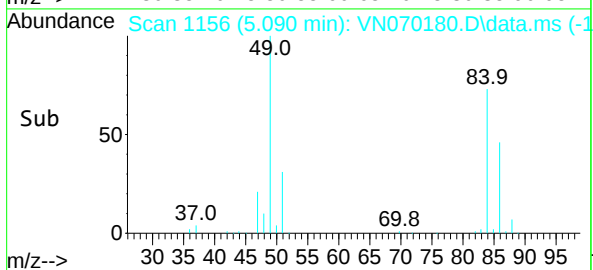
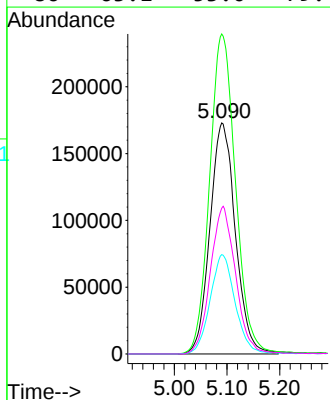
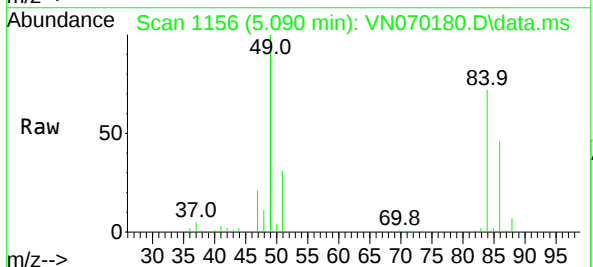
Manual Integrations
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Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 48.133 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

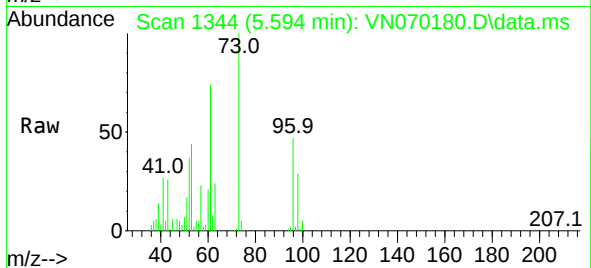
Tgt Ion: 84 Resp: 580940
Ion Ratio Lower Upper
84 100
49 138.5 93.5 140.3
51 43.0 29.4 44.2
86 63.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.950 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

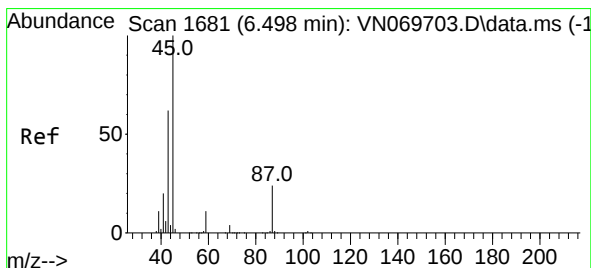
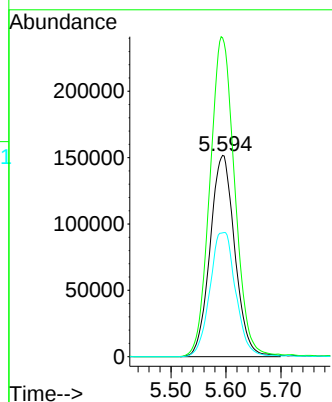
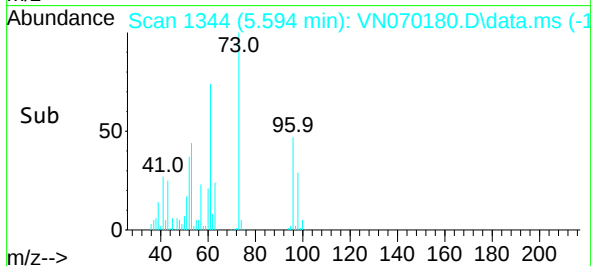
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 474820
Ion Ratio Lower Upper
96 100
61 158.3 105.8 158.6
98 61.5 52.0 78.0

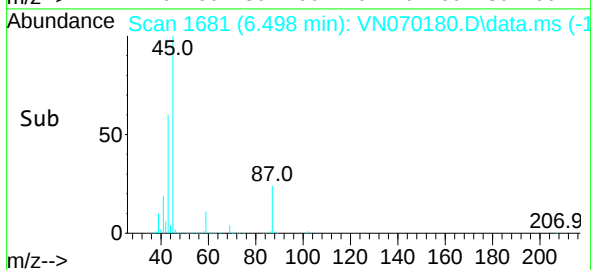
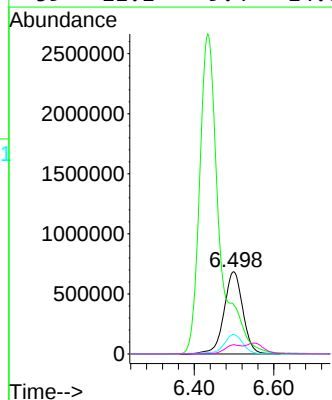
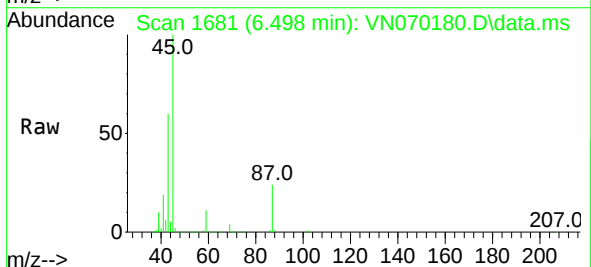
Manual Integrations
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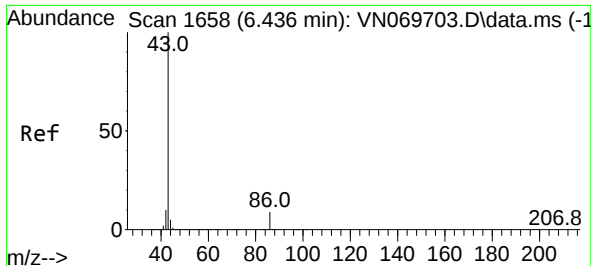
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#22
Diisopropyl ether
Concen: 54.982 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

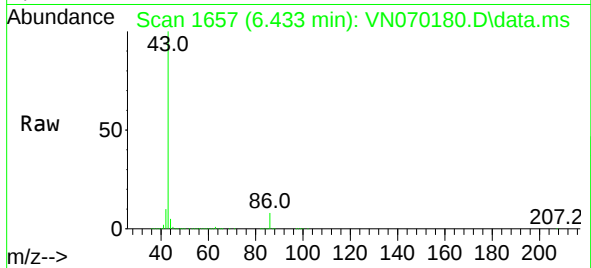
Tgt Ion: 45 Resp: 2254802
Ion Ratio Lower Upper
45 100
43 60.2 51.7 77.5
87 23.8 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 271.681 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070180.D
 Acq: 17 Dec 2021 22:34

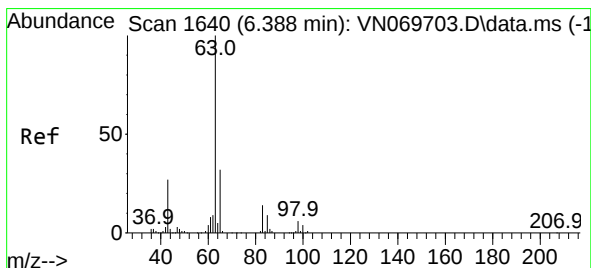
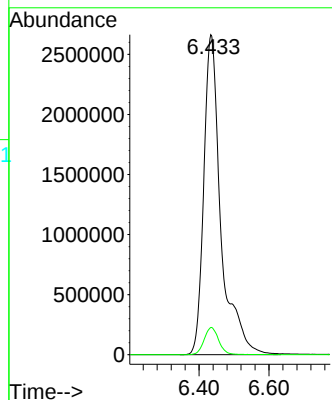
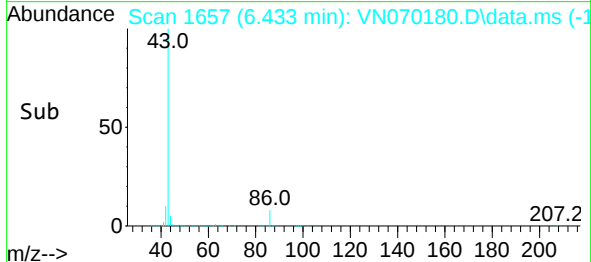
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



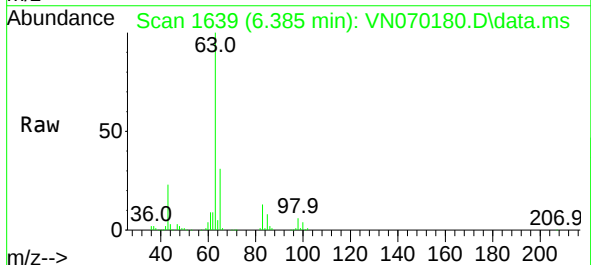
Tgt Ion: 43 Resp: 906437
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
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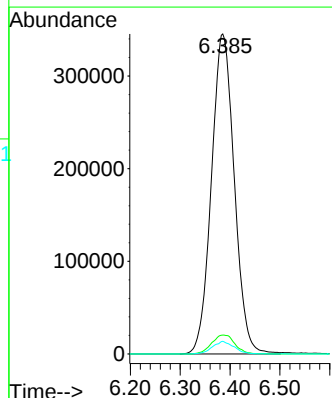
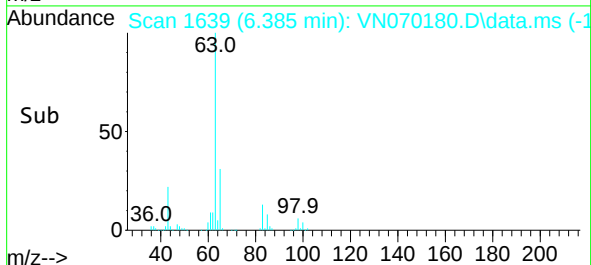
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 51.886 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070180.D
 Acq: 17 Dec 2021 22:34



Tgt Ion: 63 Resp: 1102240
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 247.287 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 305050

Ion Ratio Lower Upper

43 100

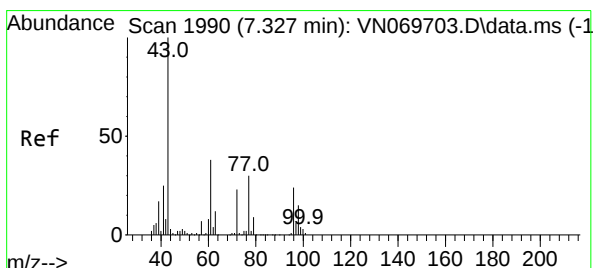
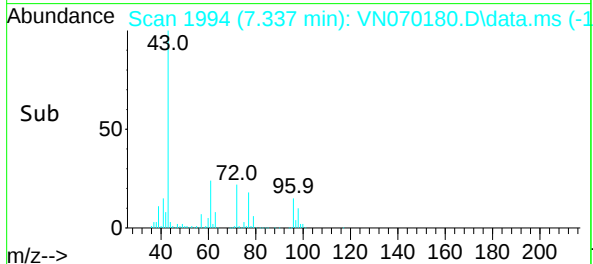
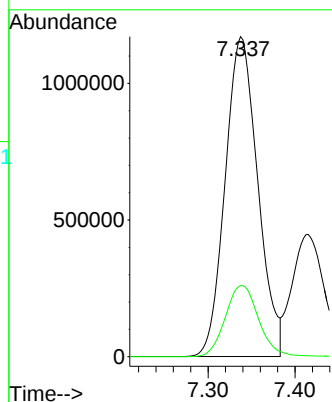
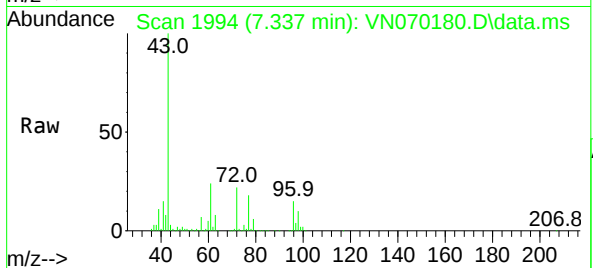
72 22.2 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 46.393 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070180.D

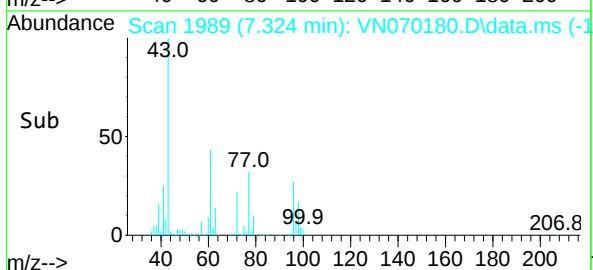
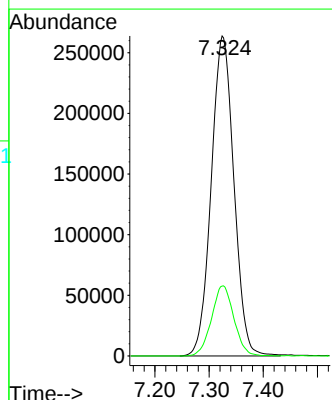
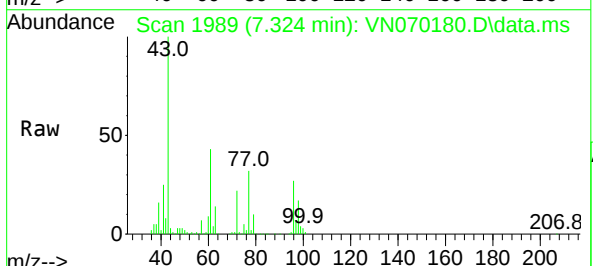
Acq: 17 Dec 2021 22:34

Tgt Ion: 77 Resp: 766278

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.270 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

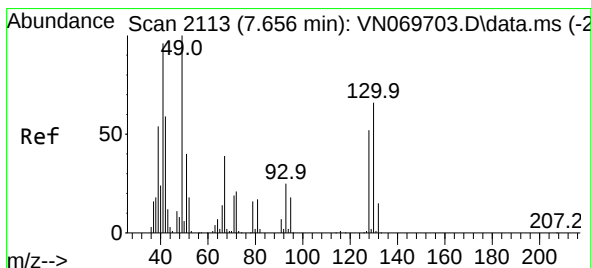
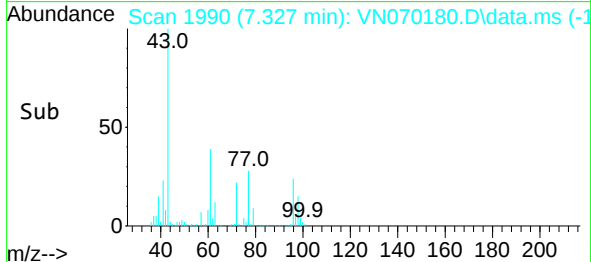
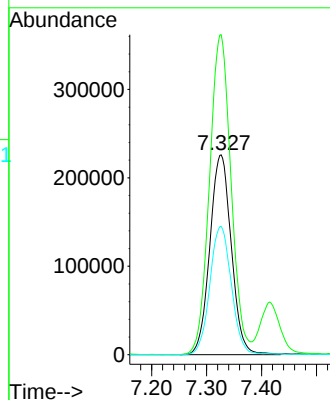
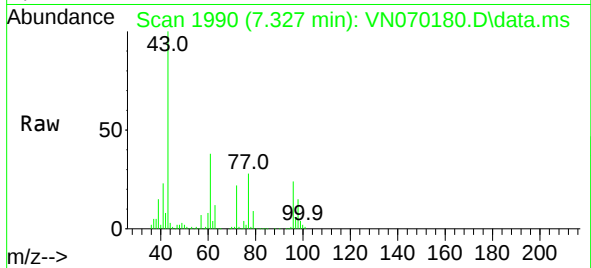
Tgt Ion:	96	Resp:	61424
Ion	Ratio	Lower	Upper
96	100		
61	160.3	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#28

Bromochloromethane

Concen: 46.825 ug/l

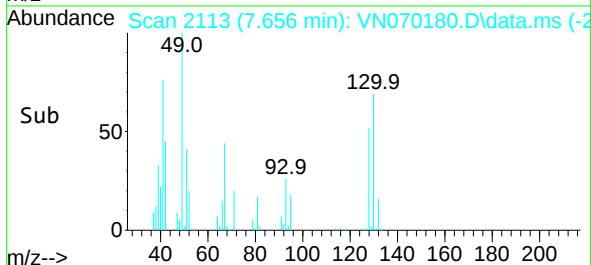
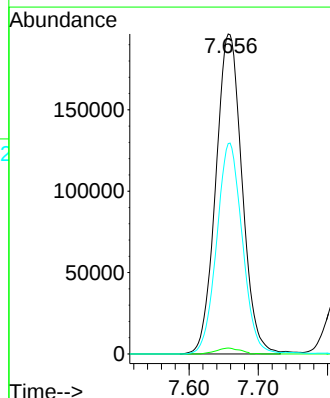
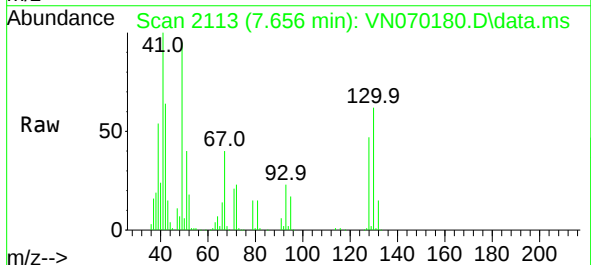
RT: 7.656 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Tgt Ion:	49	Resp:	517270
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	64.2	67.8	101.8





#29

Tetrahydrofuran

Concen: 262.258 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070180.D

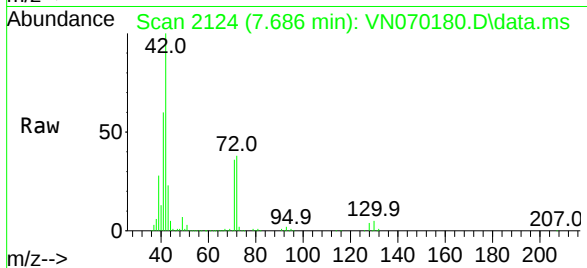
Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 1964478

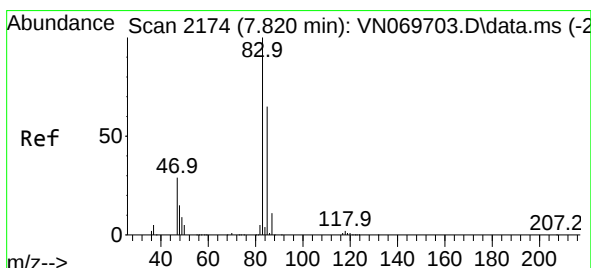
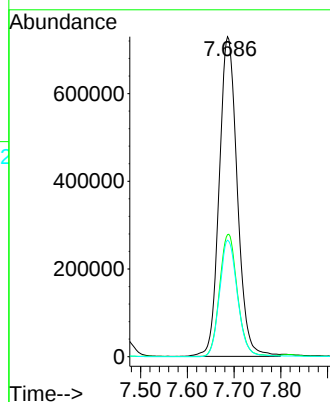
Ion	Ratio	Lower	Upper
42	100		
72	37.7	36.3	54.5
71	36.0	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 51.900 ug/l

RT: 7.817 min Scan# 2173

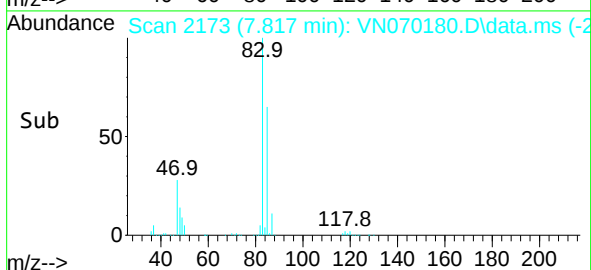
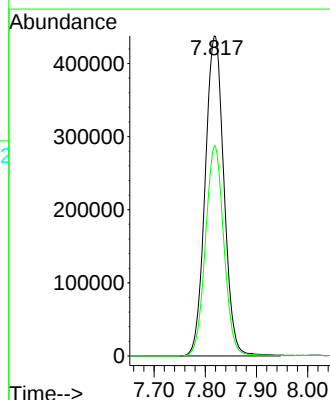
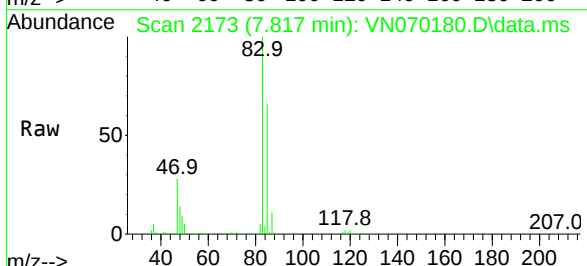
Delta R.T. -0.003 min

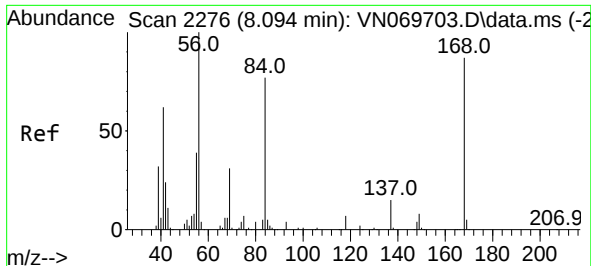
Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Tgt Ion: 83 Resp: 1113498

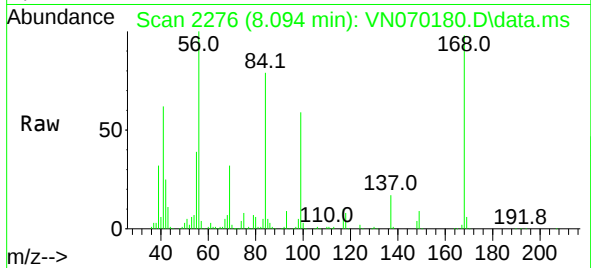
Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





#31
Cyclohexane
Concen: 45.630 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

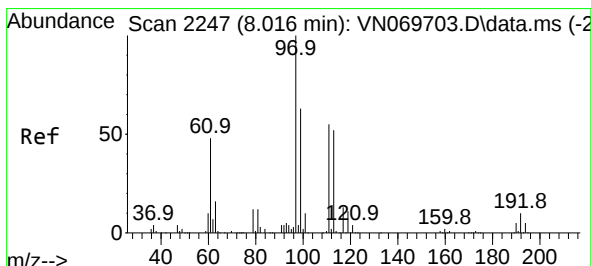
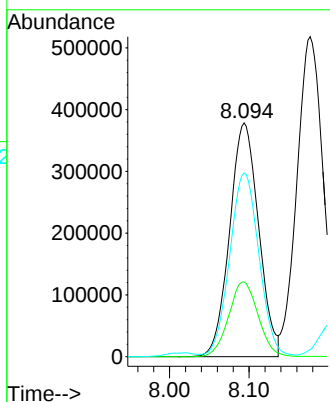
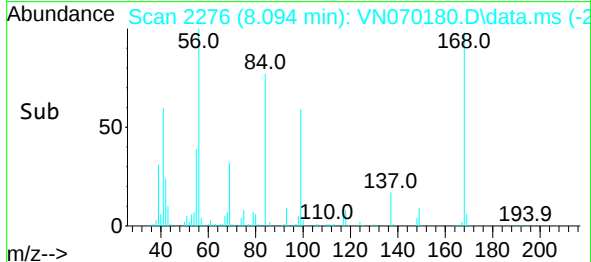
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



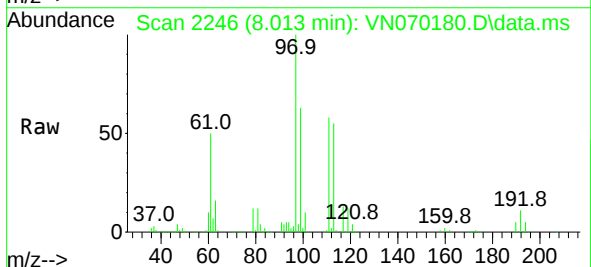
Tgt Ion: 56 Resp: 958429
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 77.0 73.4 110.0

Manual Integrations
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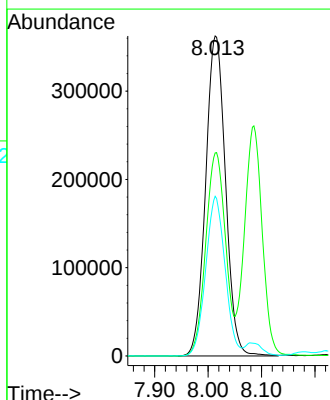
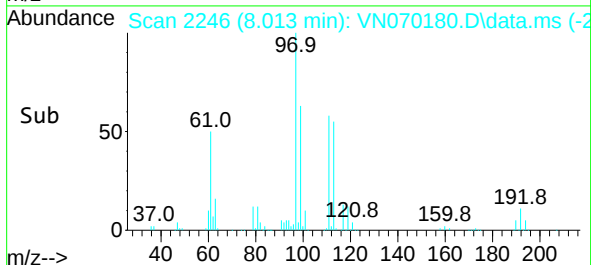
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#32
1,1,1-Trichloroethane
Concen: 51.277 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion: 97 Resp: 937092
Ion Ratio Lower Upper
97 100
99 63.4 50.1 75.1
61 48.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 54.949 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 82934

Ion Ratio Lower Upper

65 100

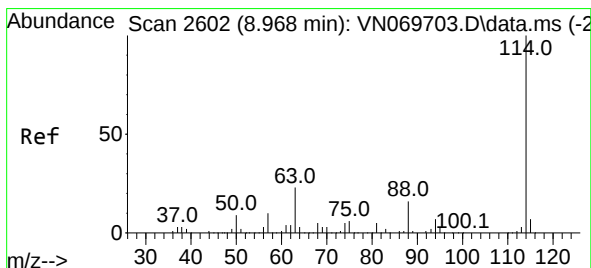
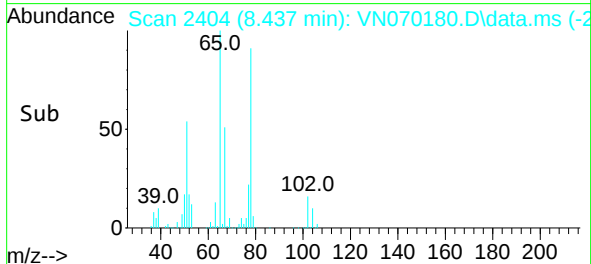
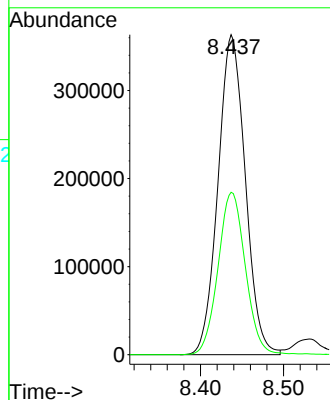
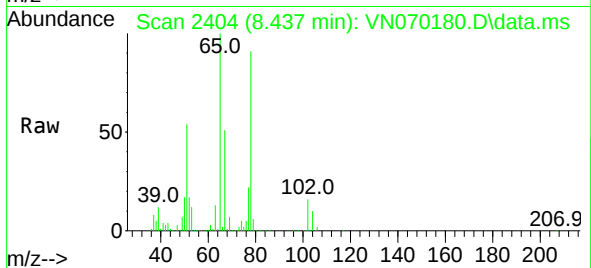
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

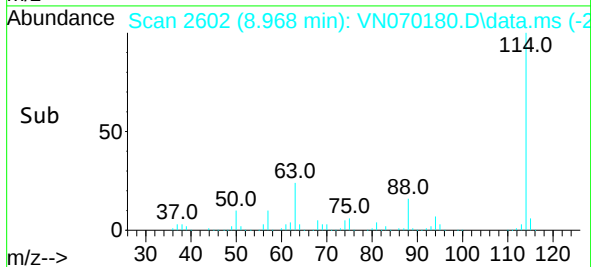
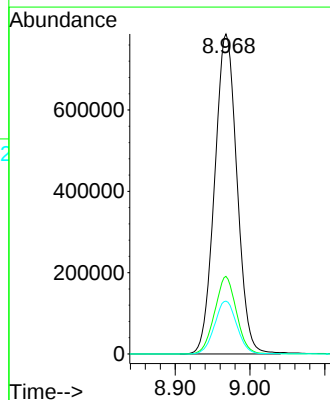
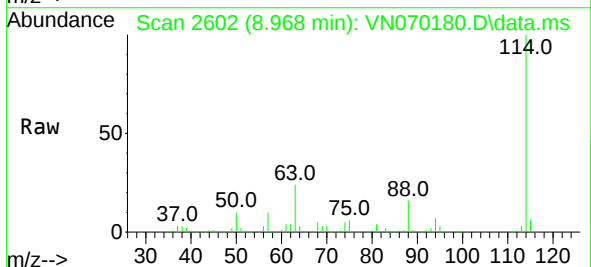
Tgt Ion:114 Resp: 1631256

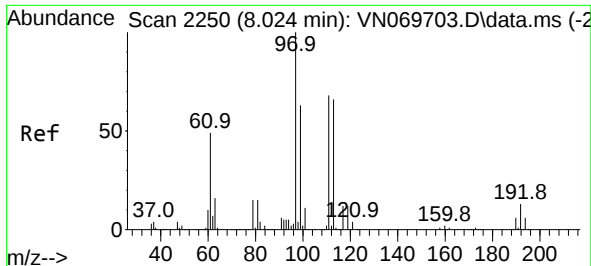
Ion Ratio Lower Upper

114 100

63 24.2 0.0 37.8

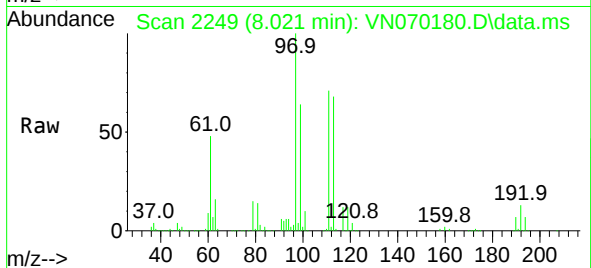
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 55.120 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

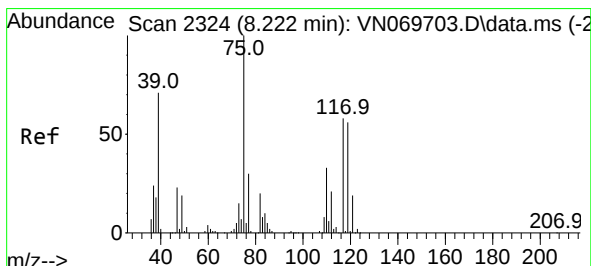
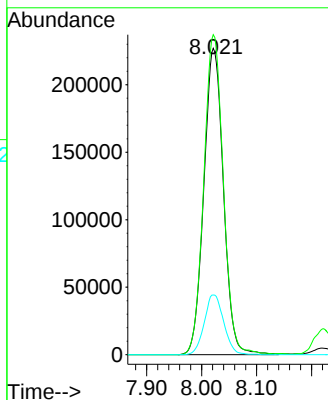
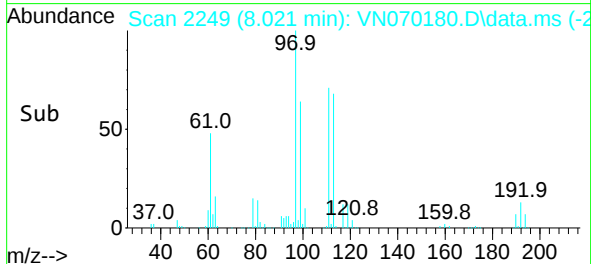
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 56321
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.3 16.9 25.3

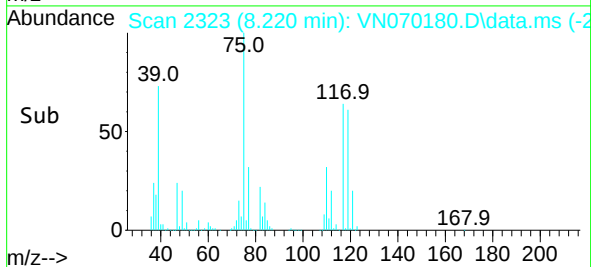
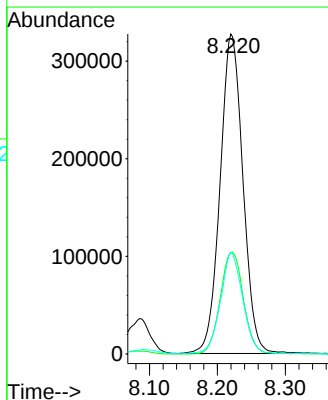
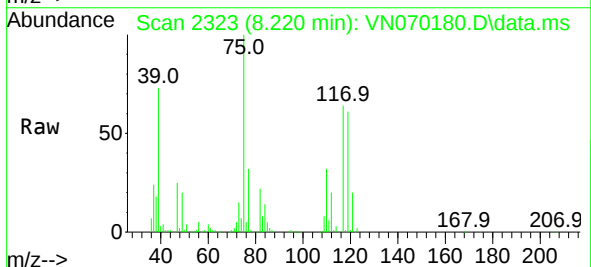
Manual Integrations
APPROVED

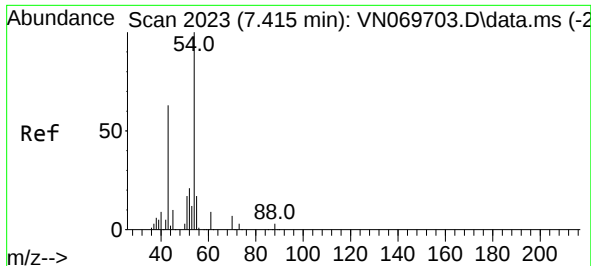
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#36
1,1-Dichloropropene
Concen: 49.086 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Tgt Ion: 75 Resp: 762264
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 50.551 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 116838

Ion Ratio Lower Upper

43 100

61 12.7 11.5 17.3

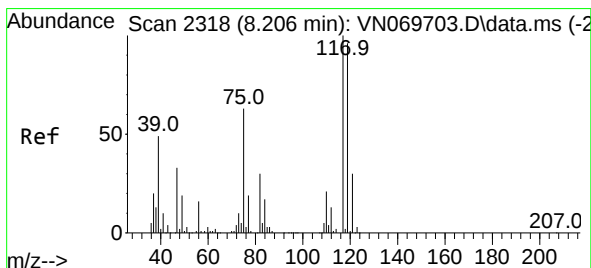
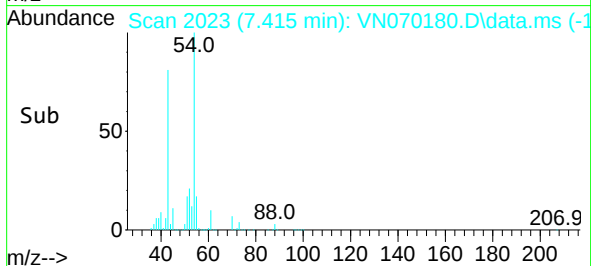
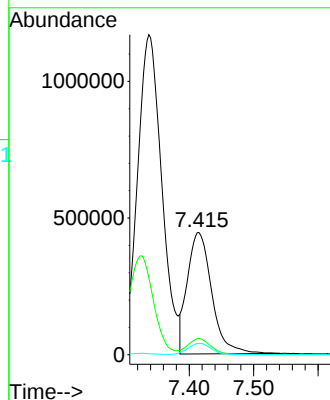
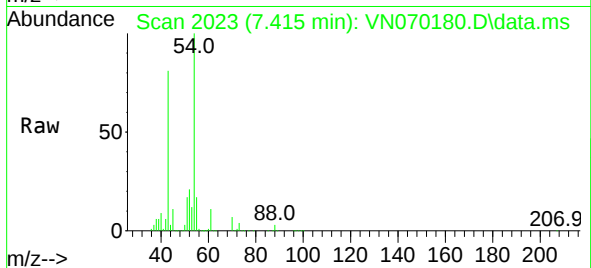
70 8.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#38

Carbon Tetrachloride

Concen: 48.991 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

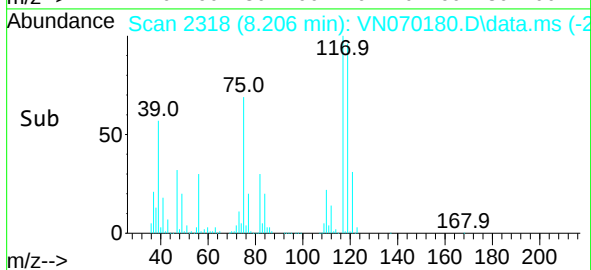
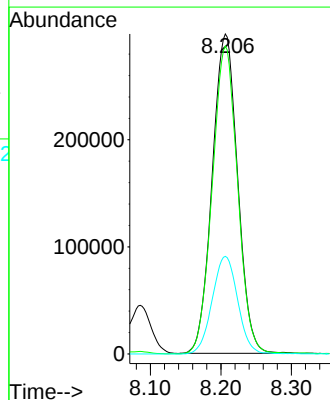
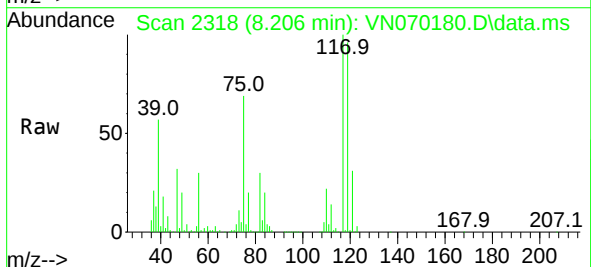
Tgt Ion:117 Resp: 746045

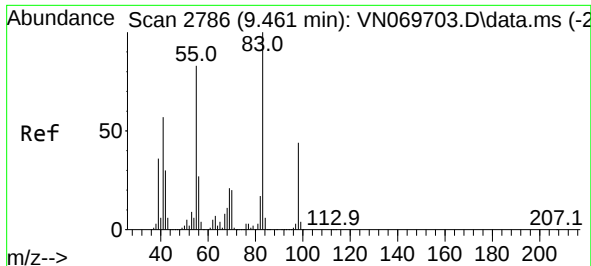
Ion Ratio Lower Upper

117 100

119 96.3 76.1 114.1

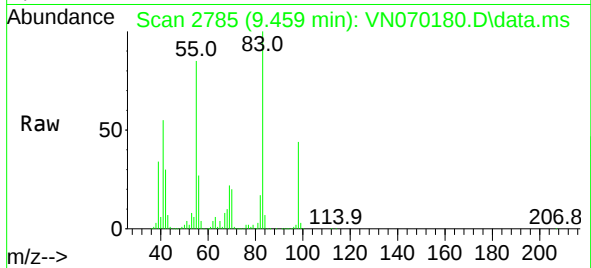
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 47.833 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

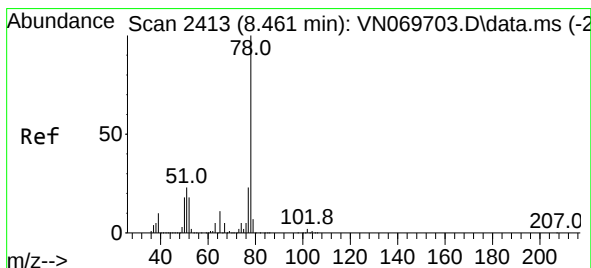
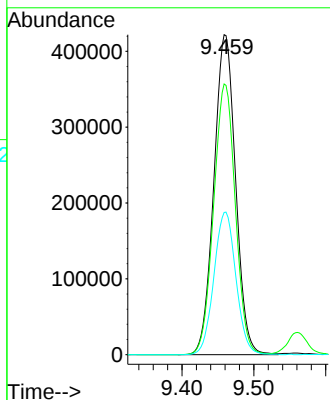
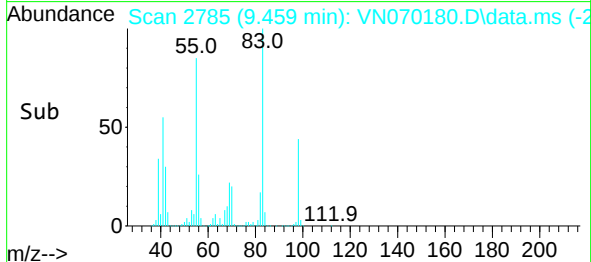
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 88353
Ion Ratio Lower Upper
83 100
55 84.6 58.1 87.1
98 44.4 38.4 57.6

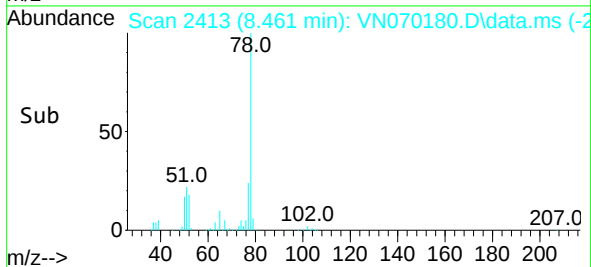
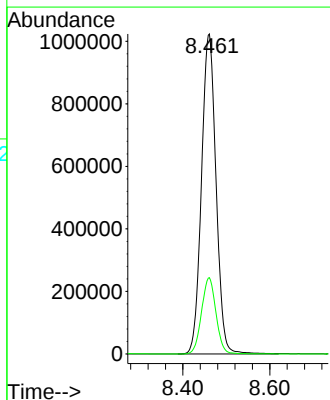
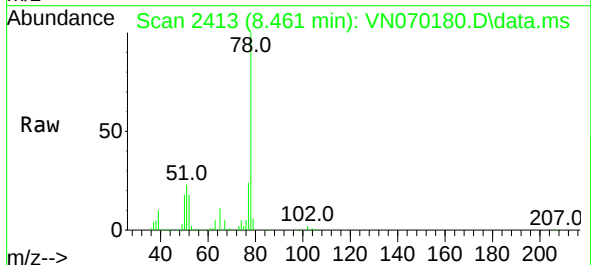
Manual Integrations
APPROVED

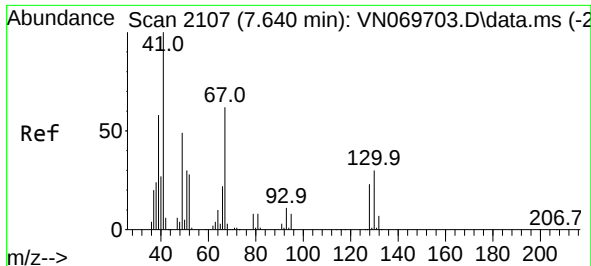
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 50.080 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

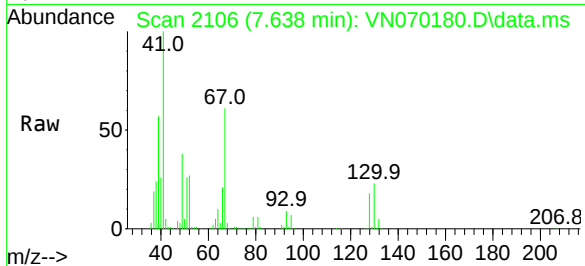
Tgt Ion: 78 Resp: 2377132
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 56.857 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

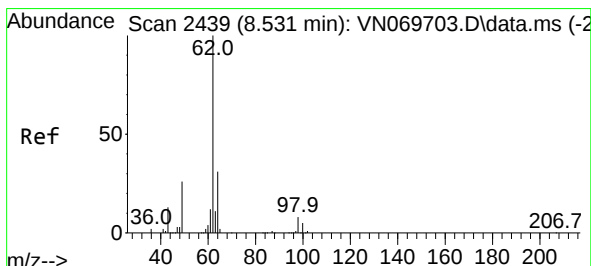
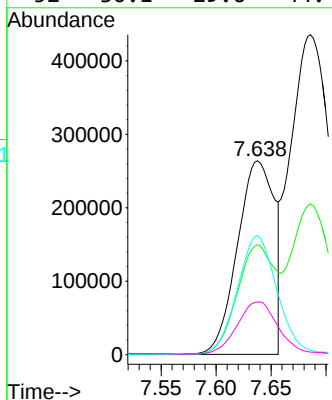
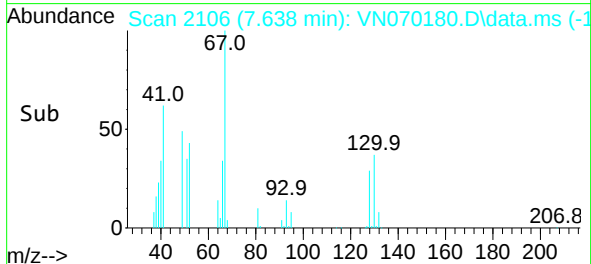
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 616897
Ion Ratio Lower Upper
41 100
39 59.1 48.1 72.1
67 66.6 68.3 102.5
52 30.1 29.6 44.4

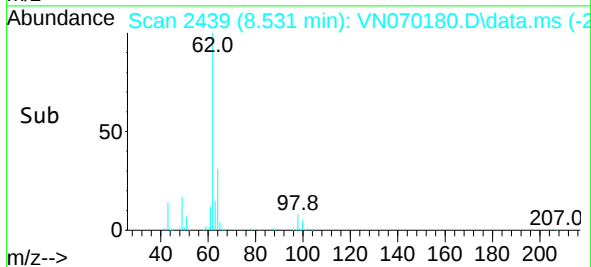
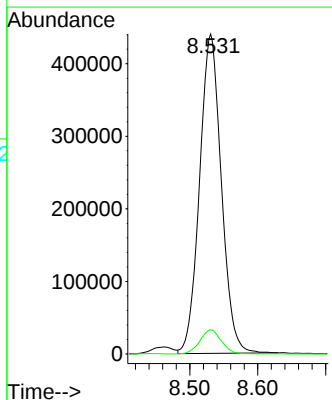
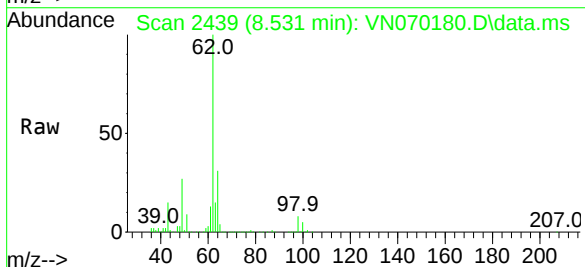
Manual Integrations
APPROVED

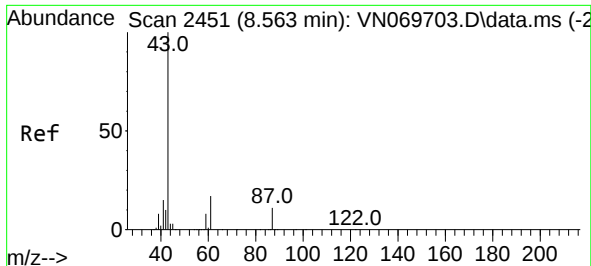
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 51.103 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

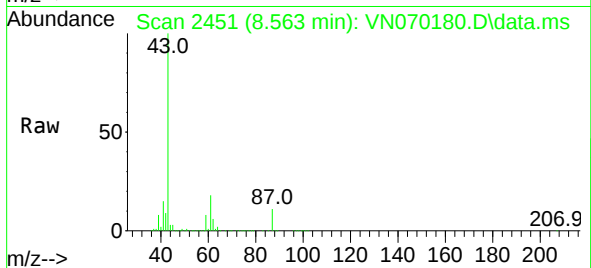
Tgt Ion: 62 Resp: 979197
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.758 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

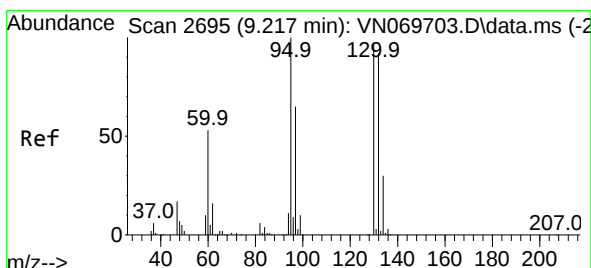
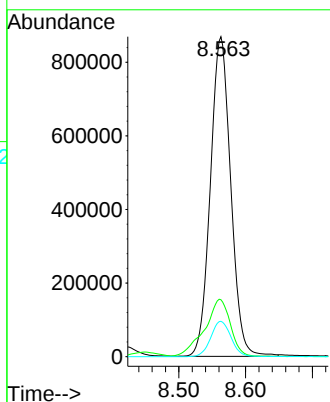
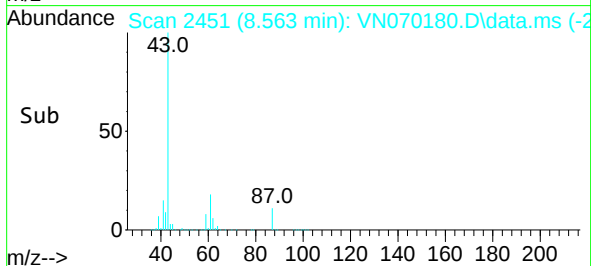
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1838714
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.0 11.2 16.8

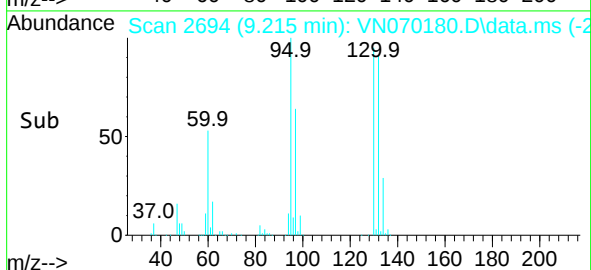
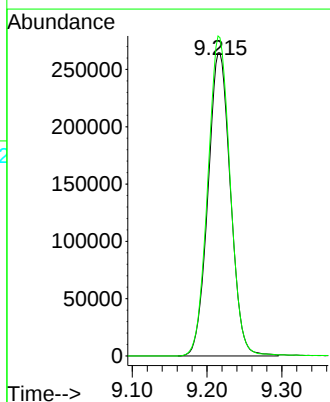
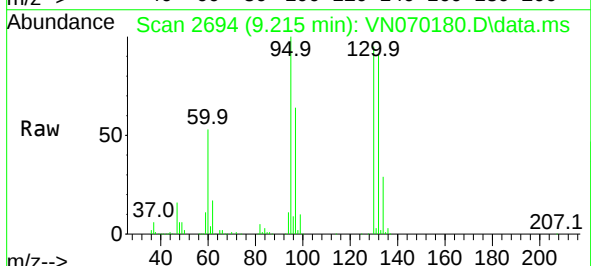
Manual Integrations
APPROVED

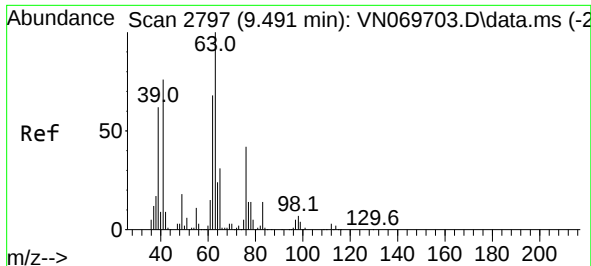
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 48.725 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Tgt Ion:130 Resp: 552012
Ion Ratio Lower Upper
130 100
95 105.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.527 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 669530

Ion Ratio Lower Upper

63 100

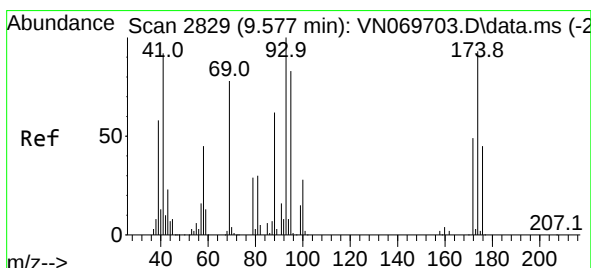
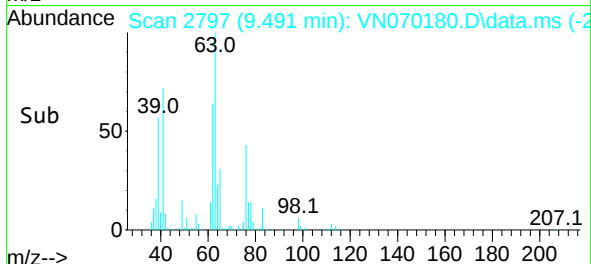
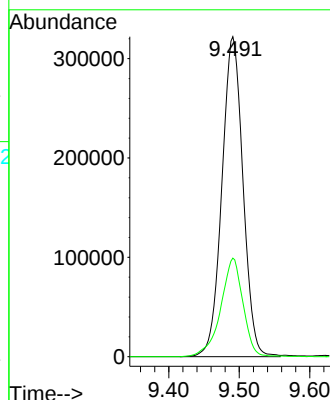
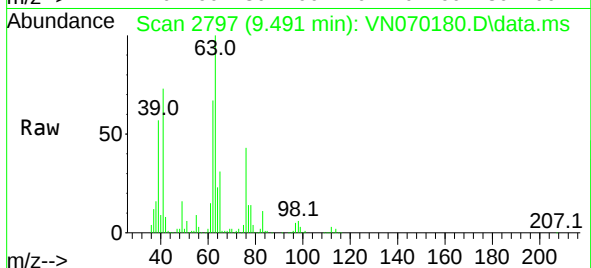
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 50.935 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

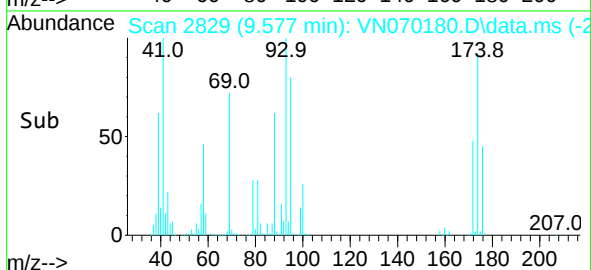
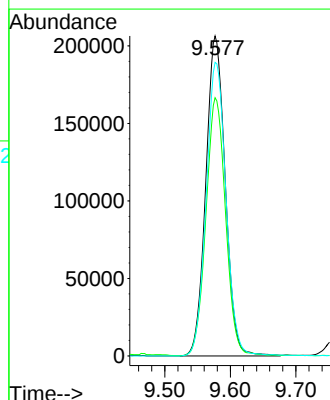
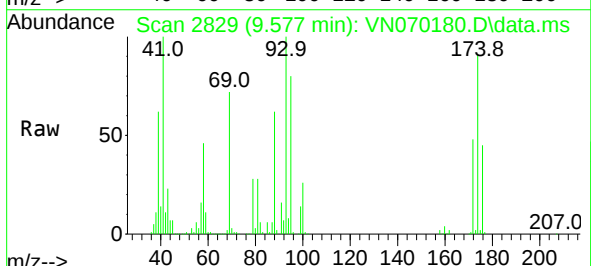
Tgt Ion: 93 Resp: 425789

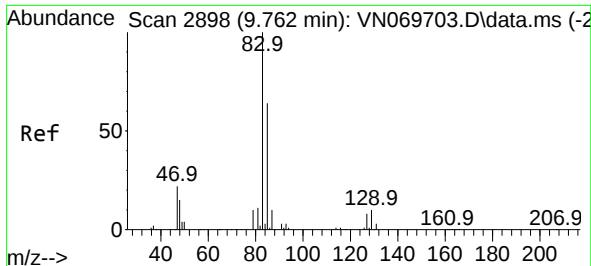
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

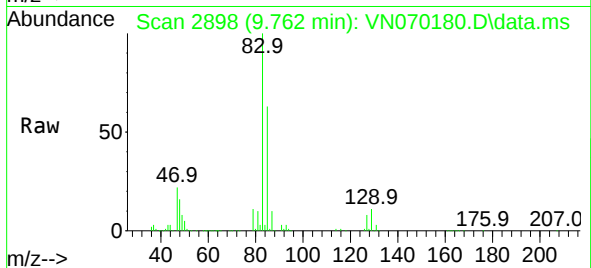
174 93.4 84.6 127.0





#47
Bromodichloromethane
Concen: 54.196 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

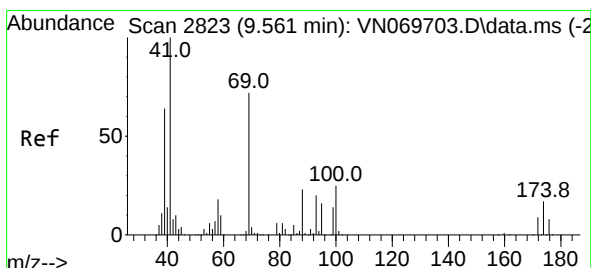
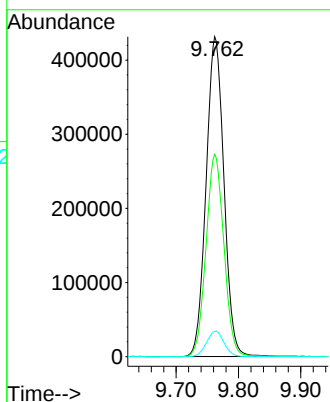
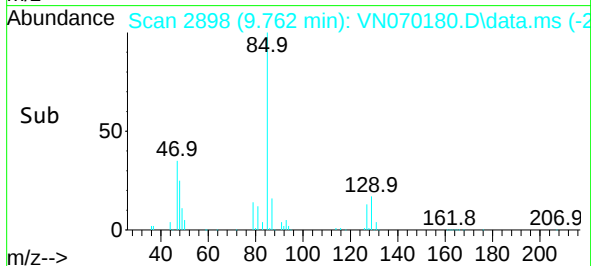
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 857780
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.0 7.1 10.7

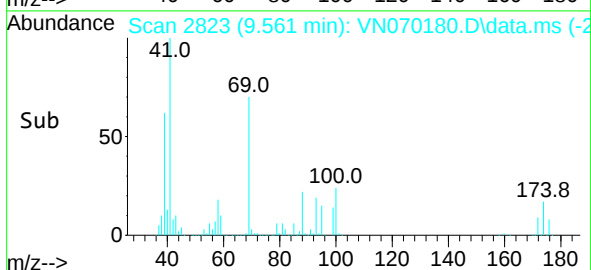
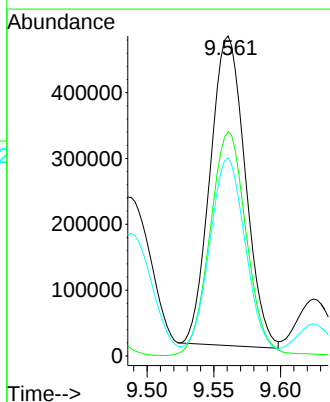
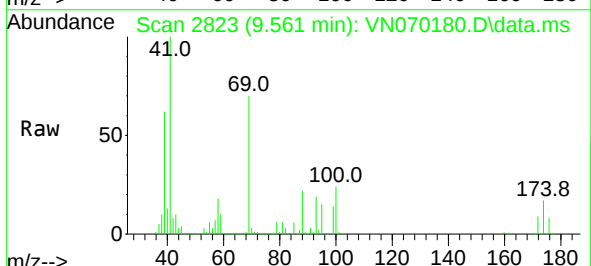
Manual Integrations
APPROVED

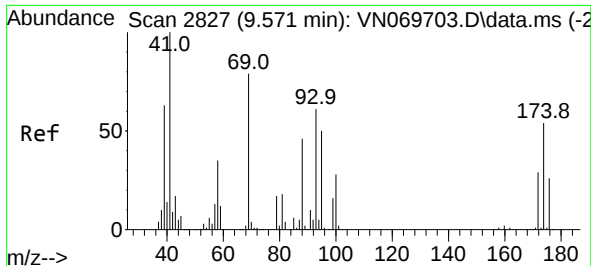
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 53.844 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Tgt Ion: 41 Resp: 859454
Ion Ratio Lower Upper
41 100
69 75.4 72.4 108.6
39 66.1 58.4 87.6





#49

1,4-Dioxane

Concen: 1046.793 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 299808

Ion Ratio Lower Upper

88 100

43 36.3 23.4 35.2

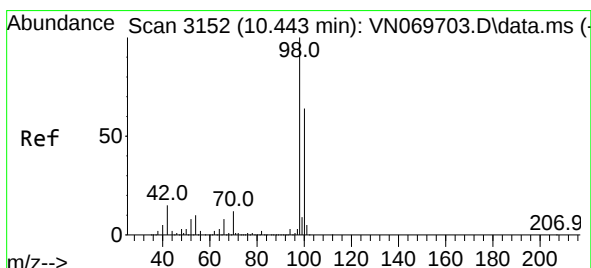
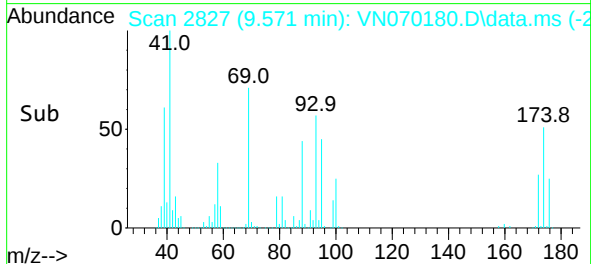
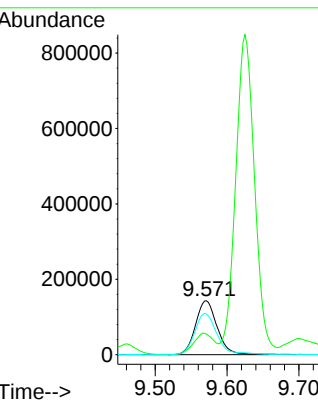
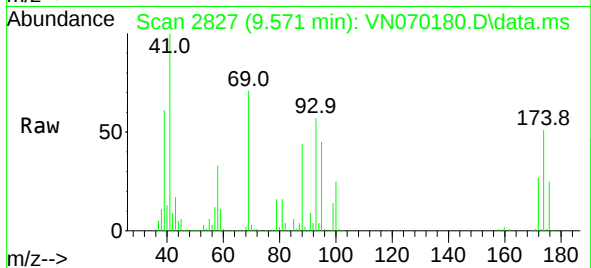
58 79.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 53.601 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070180.D

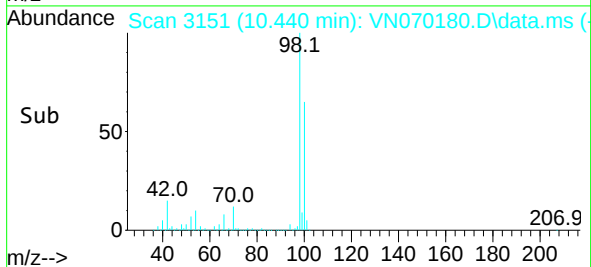
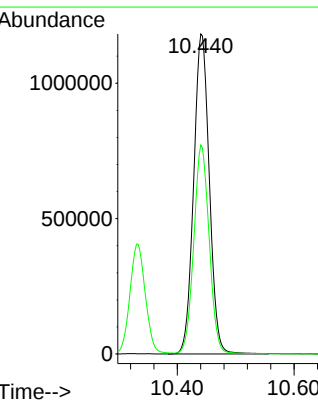
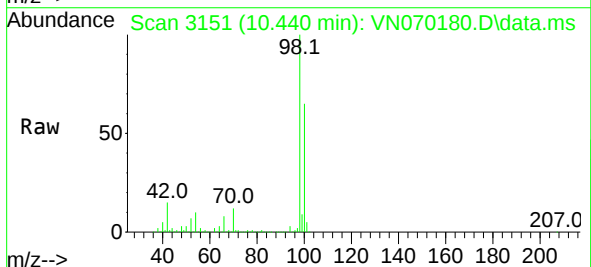
Acq: 17 Dec 2021 22:34

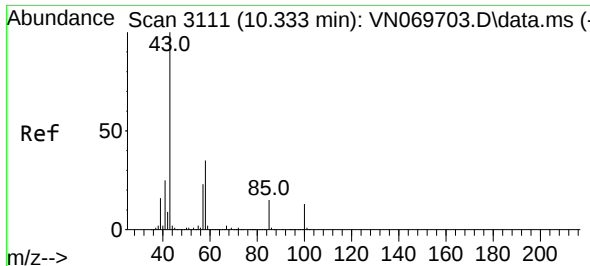
Tgt Ion: 98 Resp: 2199129

Ion Ratio Lower Upper

98 100

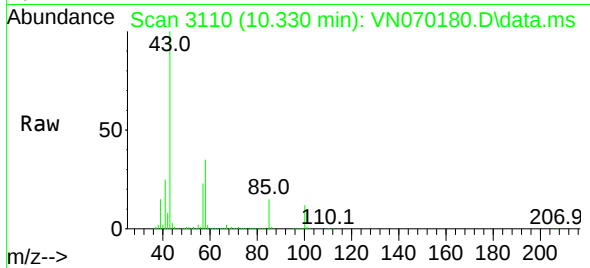
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 278.883 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

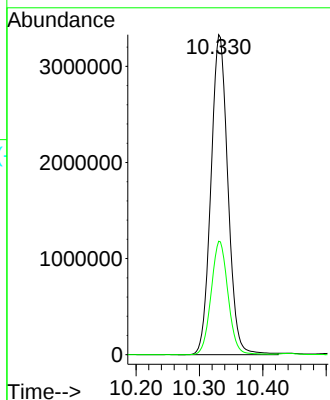
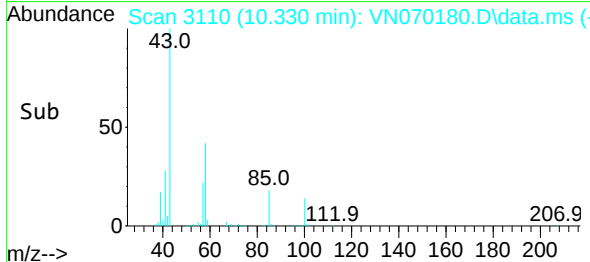
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



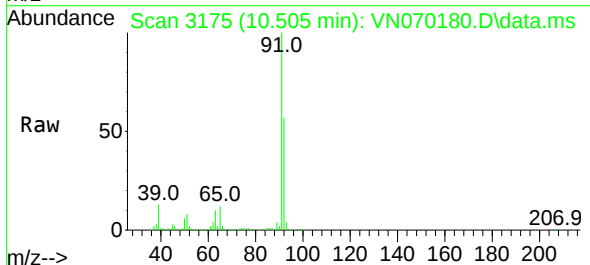
Tgt Ion: 43 Resp: 618806
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

Manual Integrations
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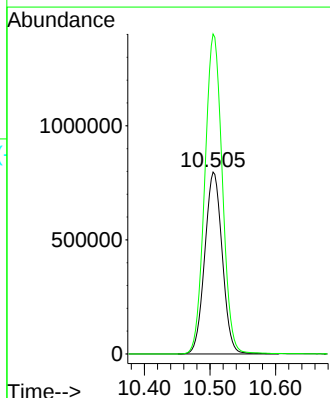
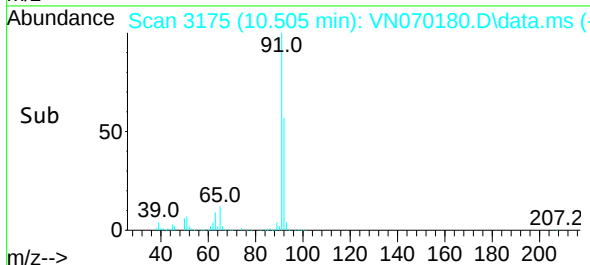
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

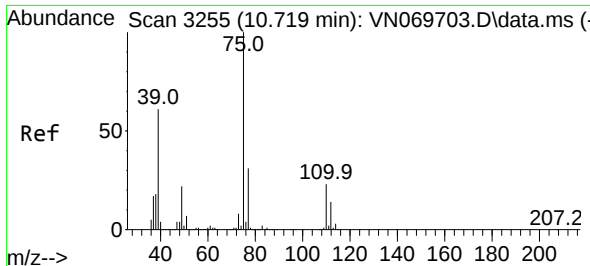


#52
Toluene
Concen: 50.790 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



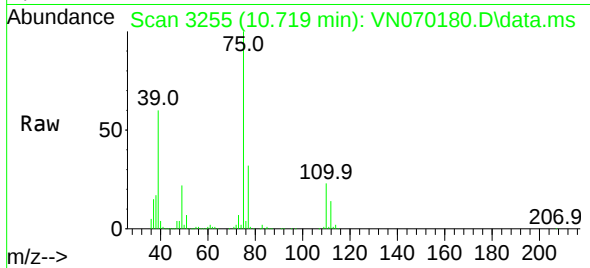
Tgt Ion: 92 Resp: 1471831
Ion Ratio Lower Upper
92 100
91 177.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.658 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

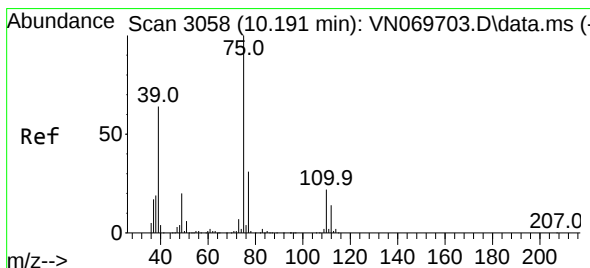
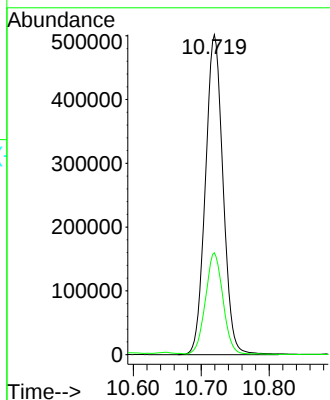
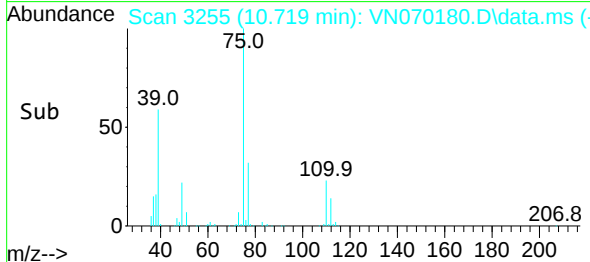
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



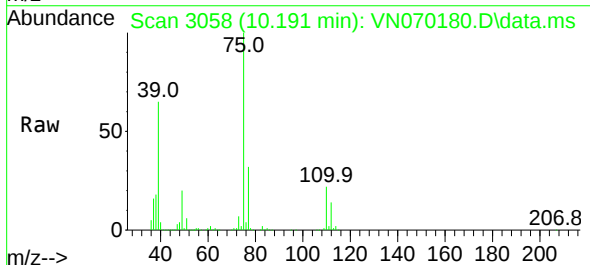
Tgt Ion: 75 Resp: 90473
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
APPROVED

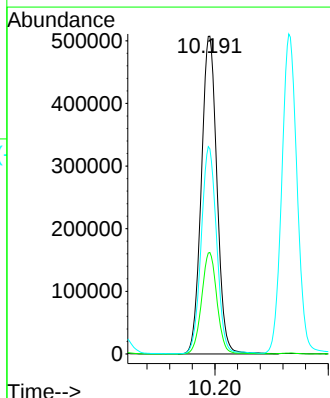
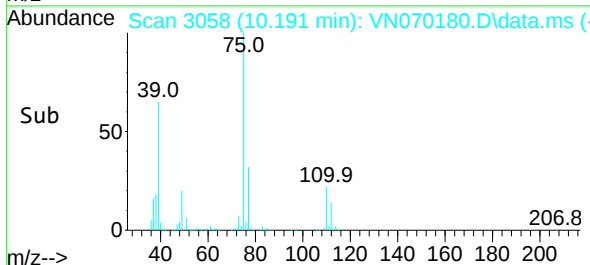
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

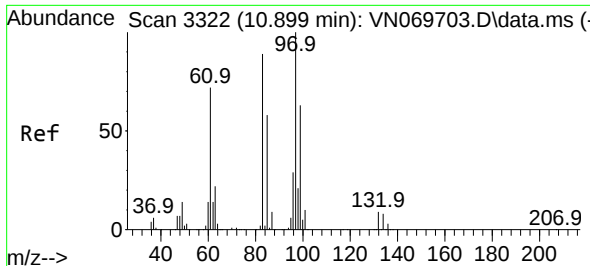


#54
cis-1,3-Dichloropropene
Concen: 48.705 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



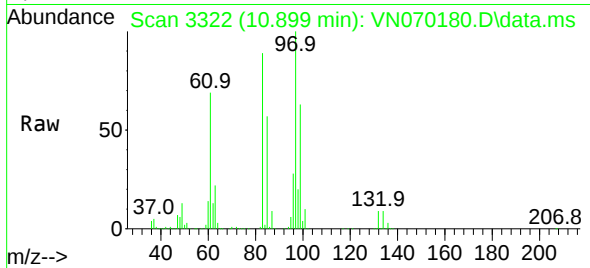
Tgt Ion: 75 Resp: 972127
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 52.775 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

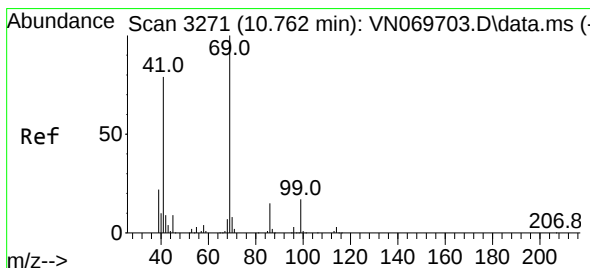
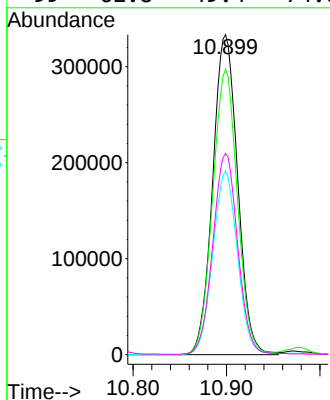
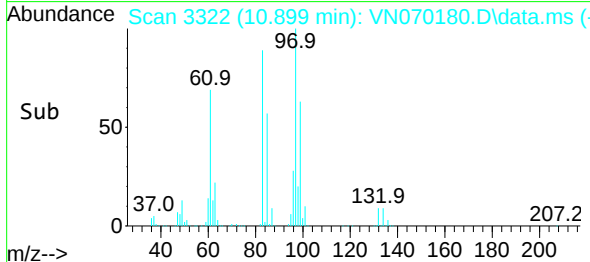
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



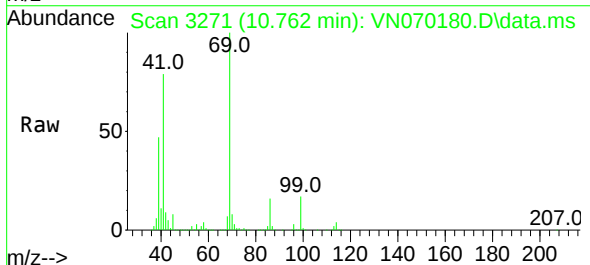
Tgt Ion: 97 Resp: 617064
Ion Ratio Lower Upper
97 100
83 89.2 67.8 101.6
85 57.4 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
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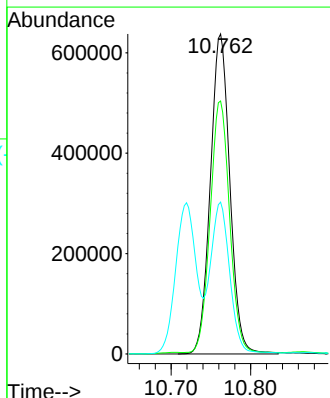
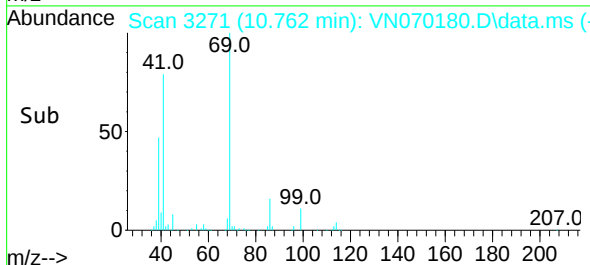
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

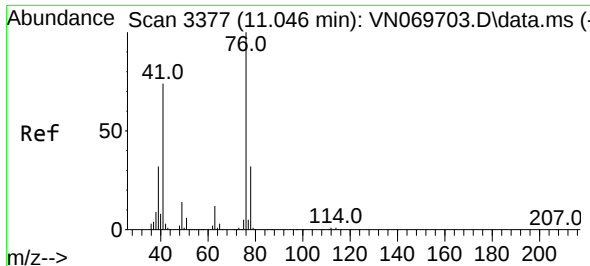


#56
Ethyl methacrylate
Concen: 49.382 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion: 69 Resp: 1088797
Ion Ratio Lower Upper
69 100
41 78.0 51.4 77.0#
39 46.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.741 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1085839

Ion Ratio Lower Upper

76 100

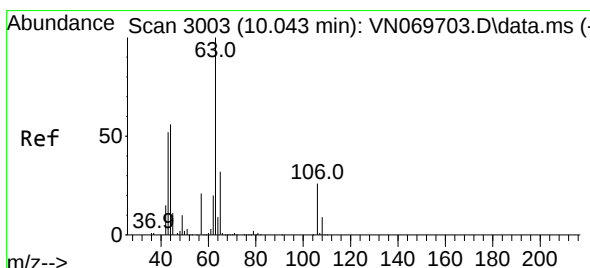
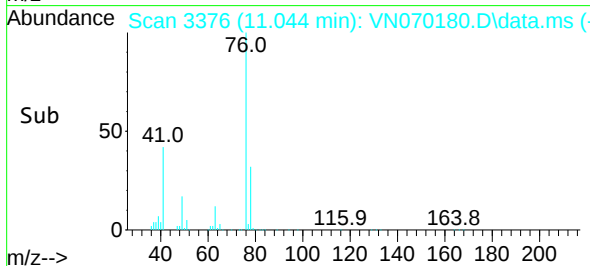
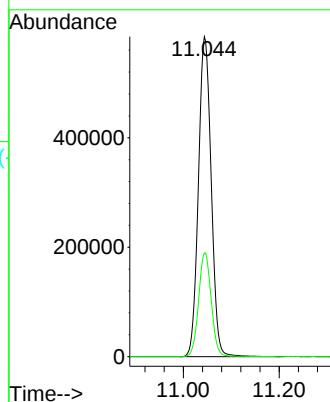
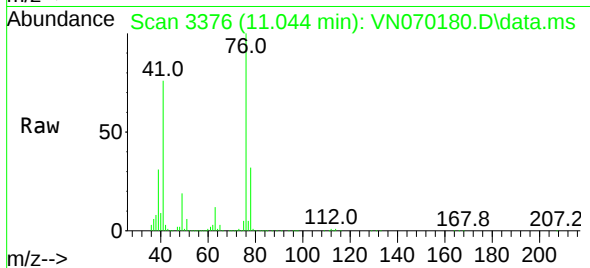
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 276.794 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070180.D

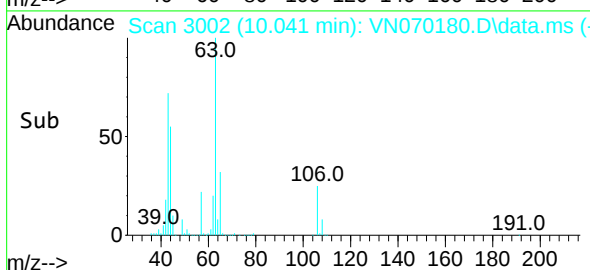
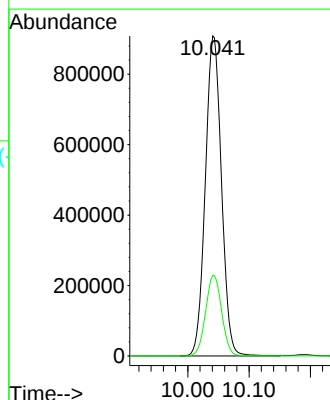
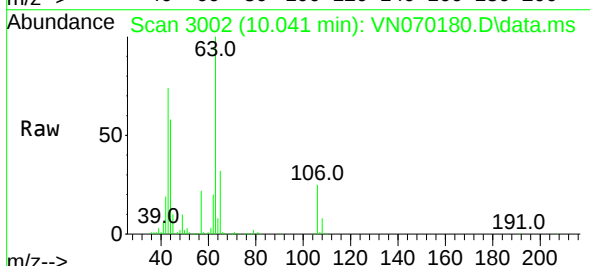
Acq: 17 Dec 2021 22:34

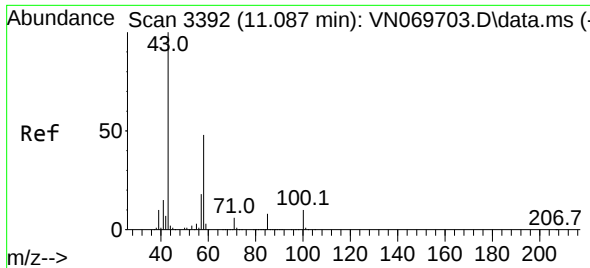
Tgt Ion: 63 Resp: 1661735

Ion Ratio Lower Upper

63 100

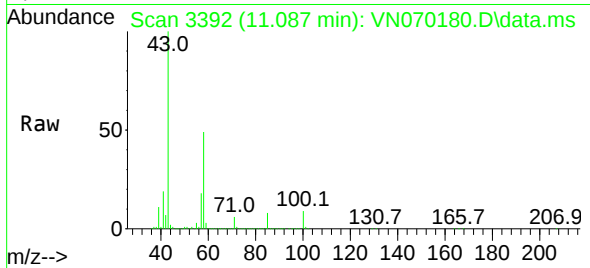
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 270.905 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

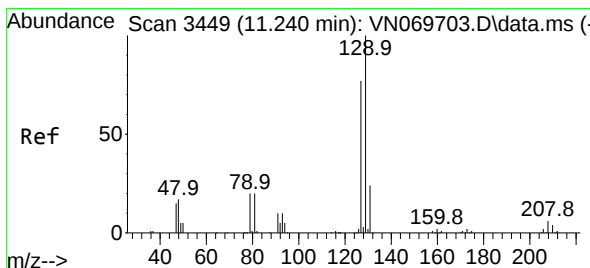
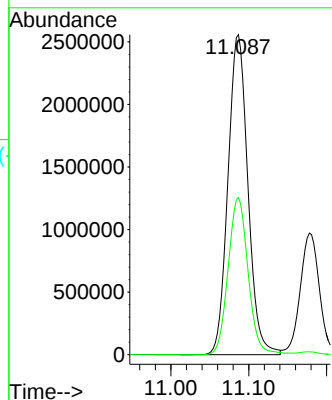
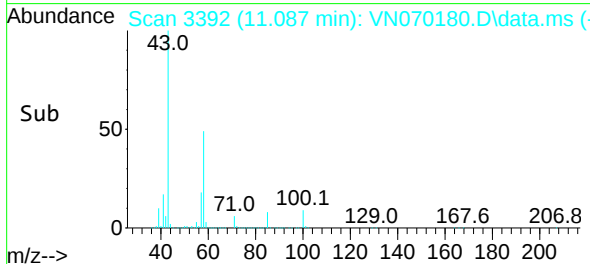
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 454717
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

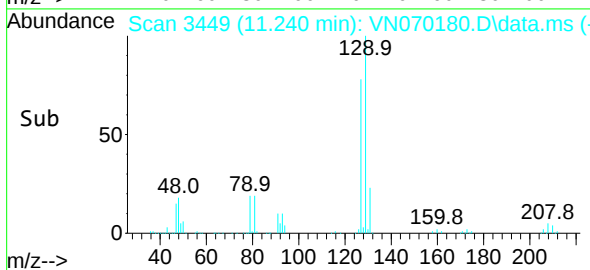
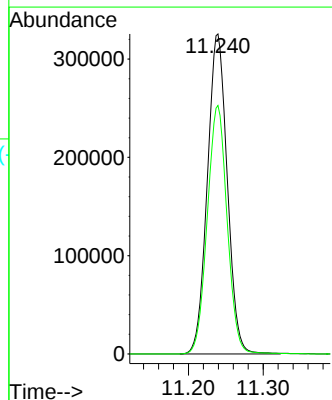
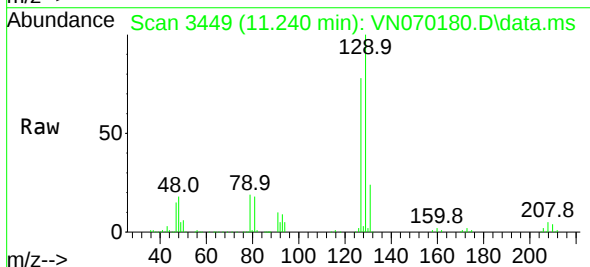
Manual Integrations
APPROVED

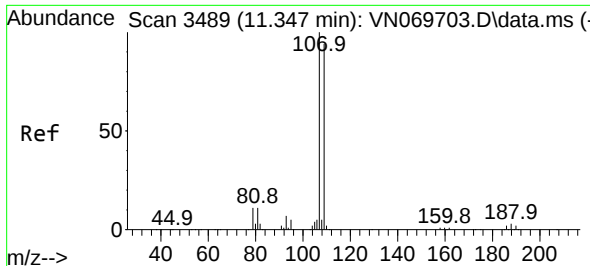
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 48.192 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

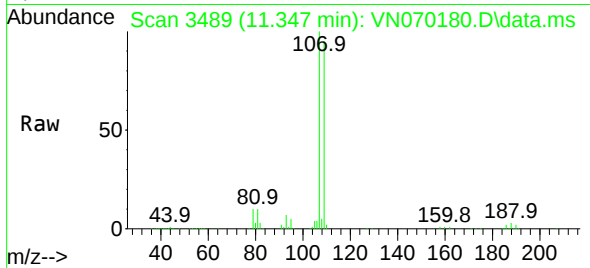
Tgt Ion:129 Resp: 602617
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.744 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

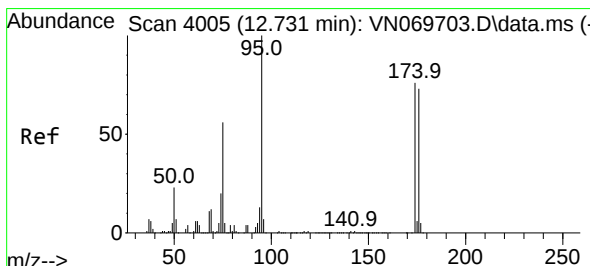
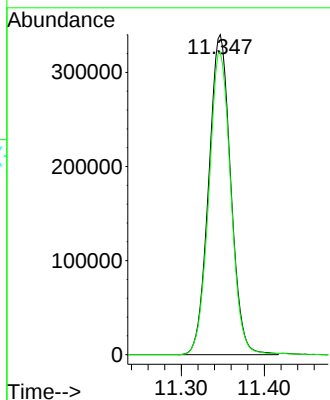
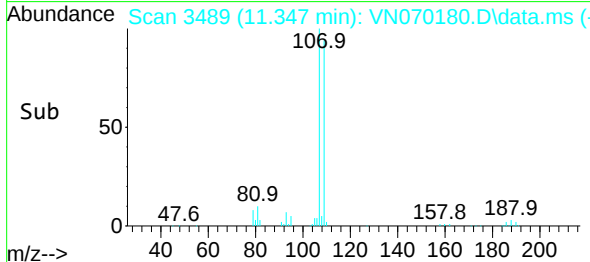
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 626648
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

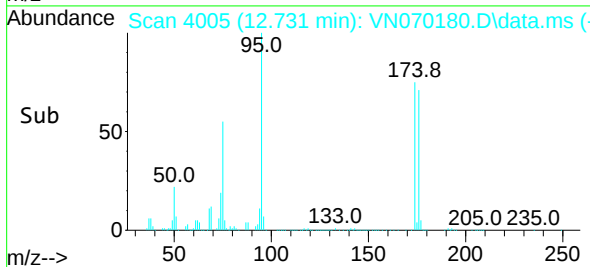
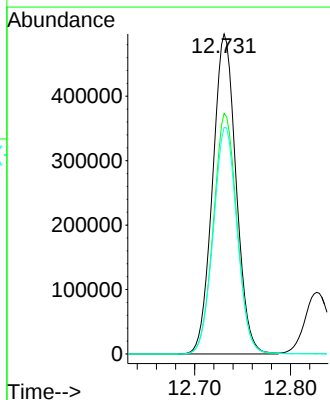
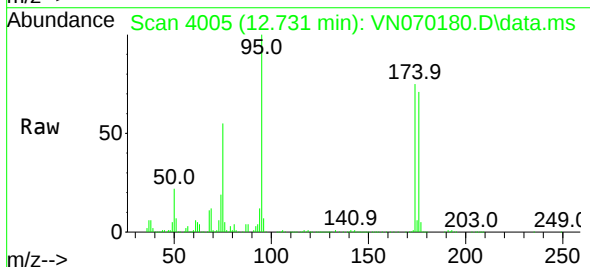
Manual Integrations
APPROVED

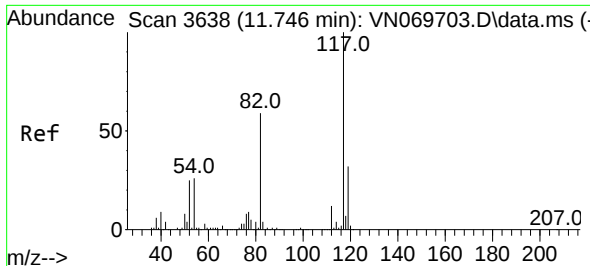
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 56.650 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

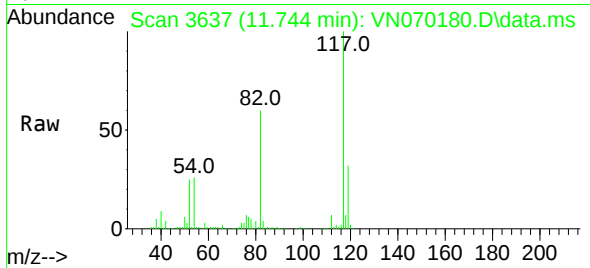
Tgt Ion: 95 Resp: 842024
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 72.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

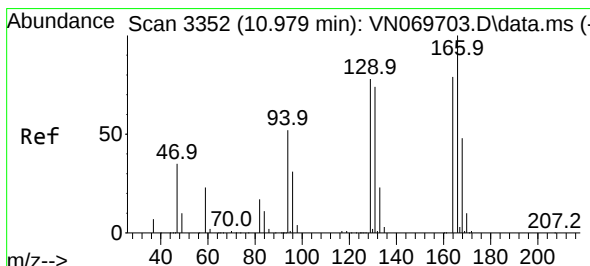
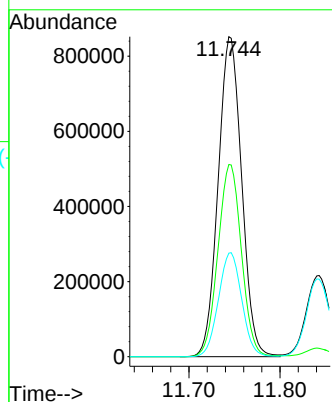
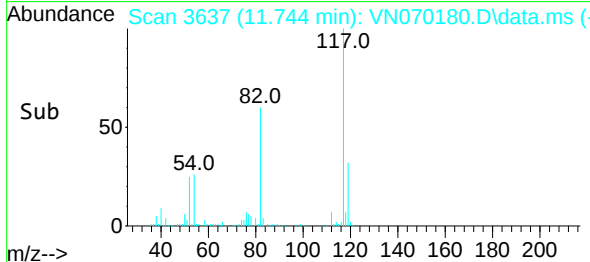
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 152666
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.3 25.4 38.2

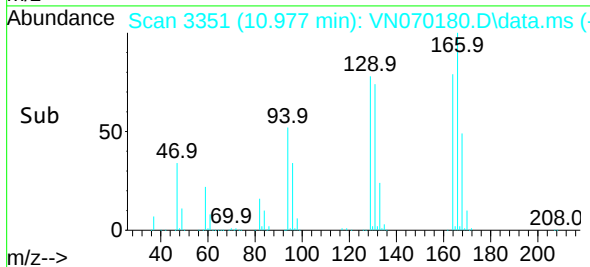
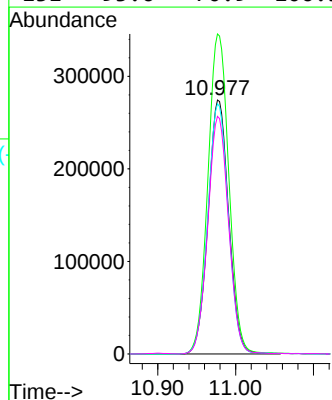
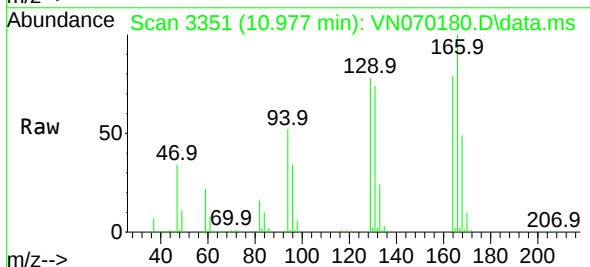
Manual Integrations
APPROVED

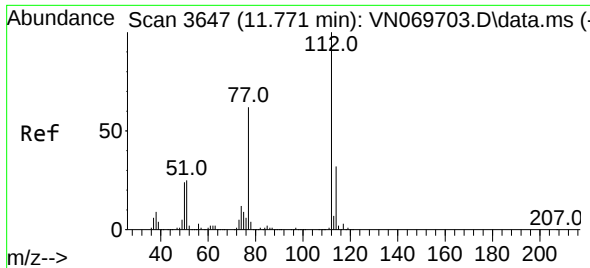
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#64
Tetrachloroethene
Concen: 48.788 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

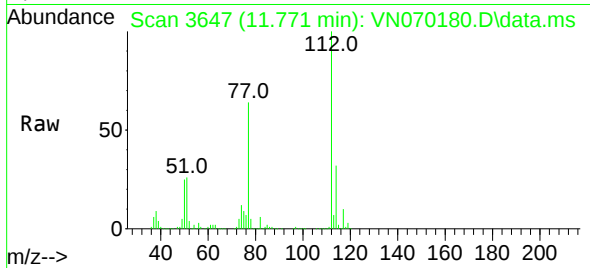
Tgt Ion:164 Resp: 505046
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 98.5 72.0 108.0
131 93.6 70.9 106.3





#65
Chlorobenzene
Concen: 50.713 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

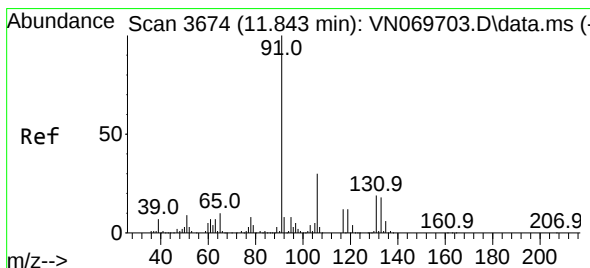
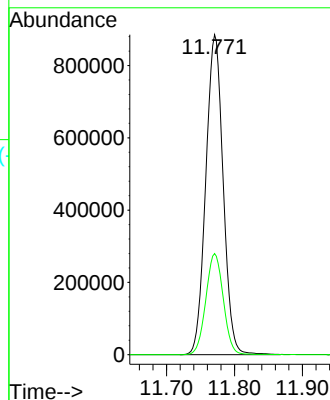
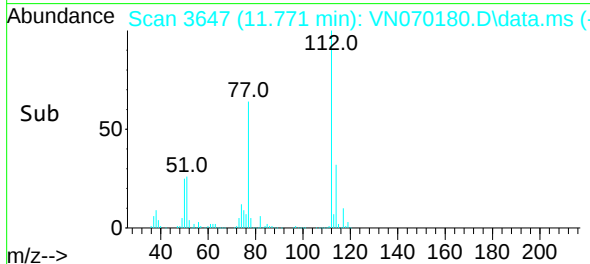
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



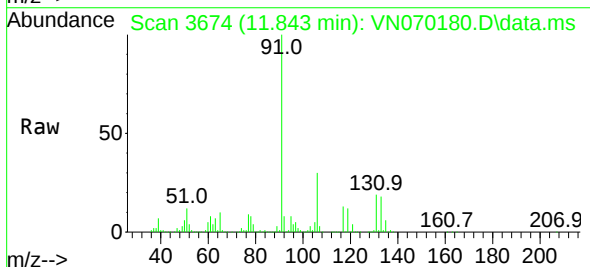
Tgt Ion:112 Resp: 1570644
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

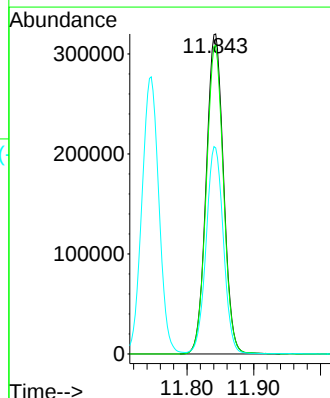
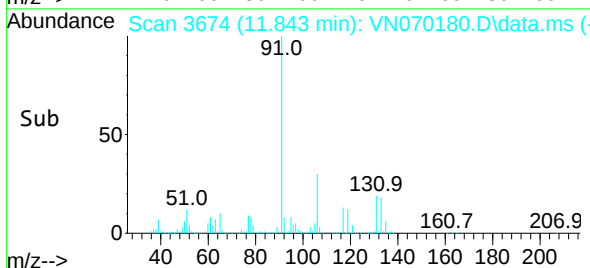
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

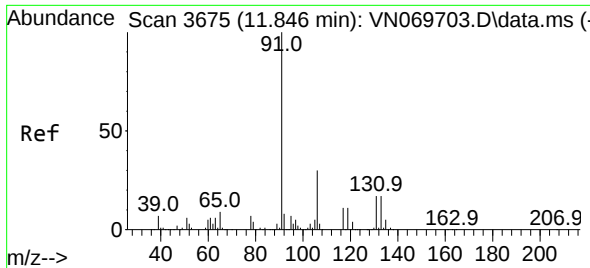


#66
1,1,1,2-Tetrachloroethane
Concen: 52.956 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



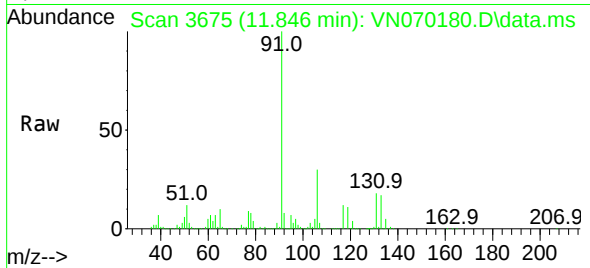
Tgt Ion:131 Resp: 577268
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.0 32.1 96.5





#67
Ethyl Benzene
Concen: 52.705 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

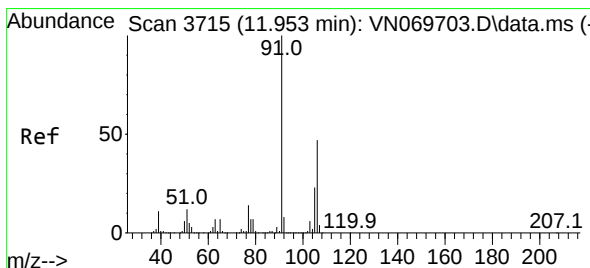
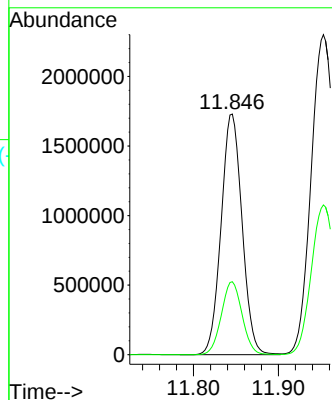
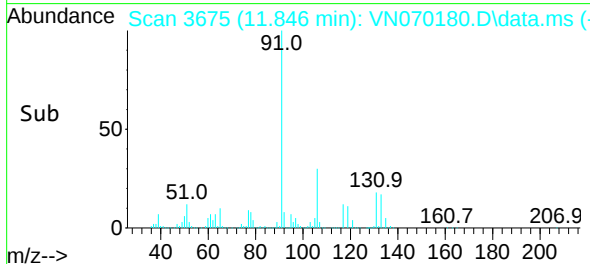
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



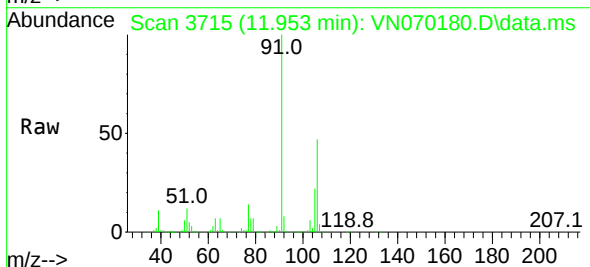
Tgt Ion: 91 Resp: 296513
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
APPROVED

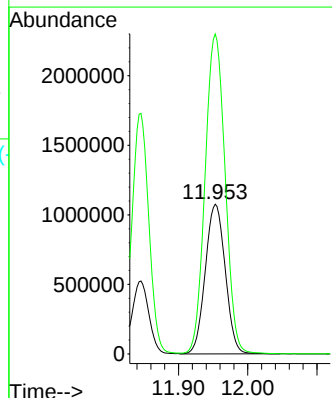
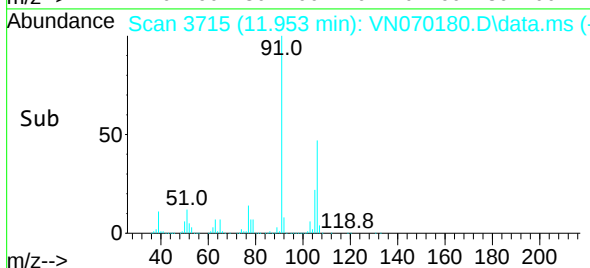
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

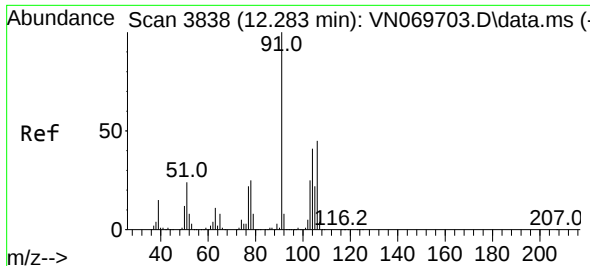


#68
m/p-Xylenes
Concen: 105.318 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion:106 Resp: 2157378
Ion Ratio Lower Upper
106 100
91 214.4 160.6 240.8





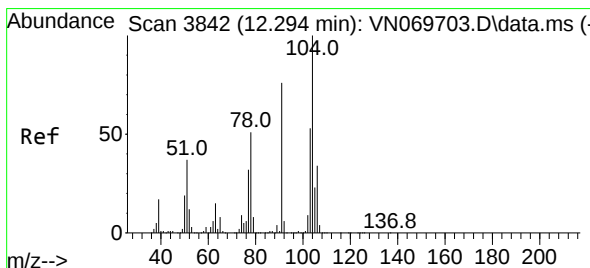
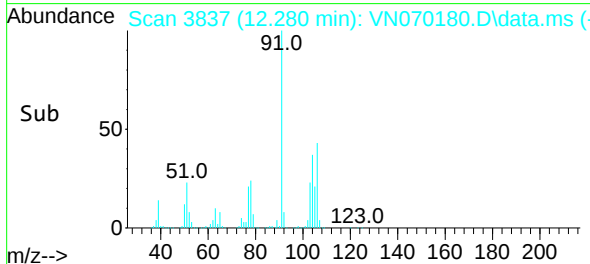
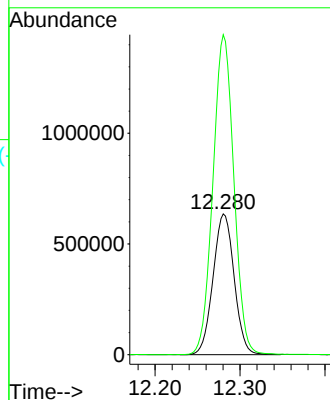
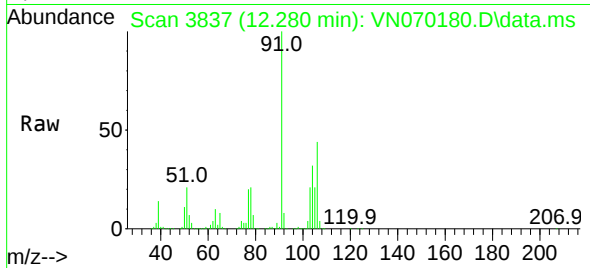
#69
o-Xylene
Concen: 53.240 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 109852
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3

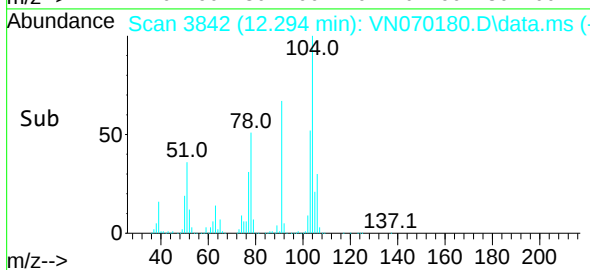
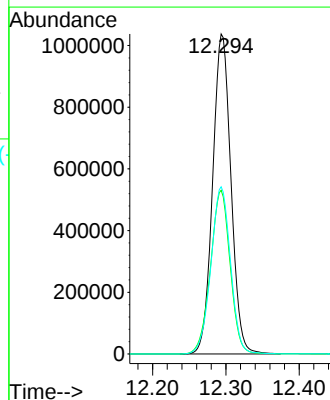
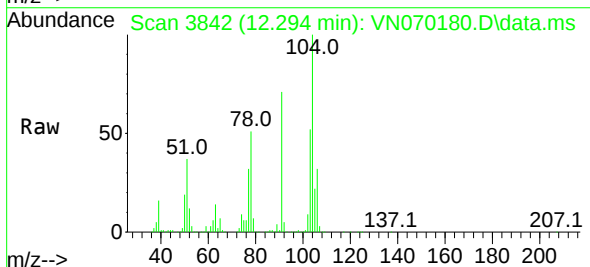
Manual Integrations
APPROVED

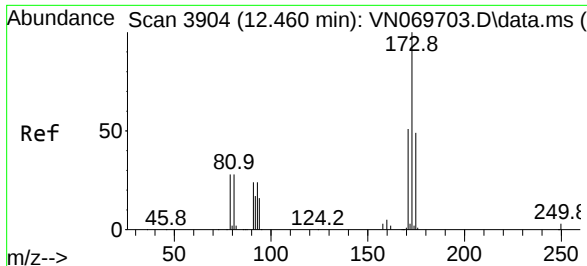
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 55.110 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

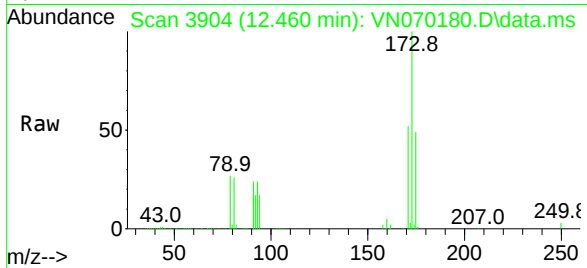
Tgt Ion:104 Resp: 1803081
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 48.864 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

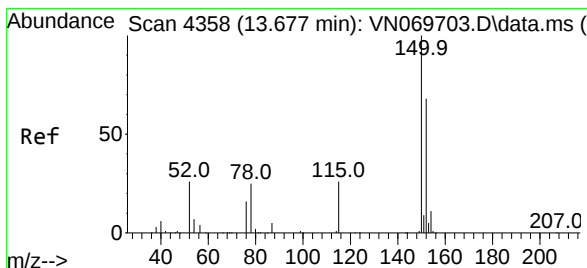
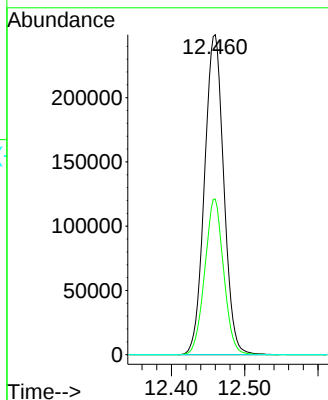
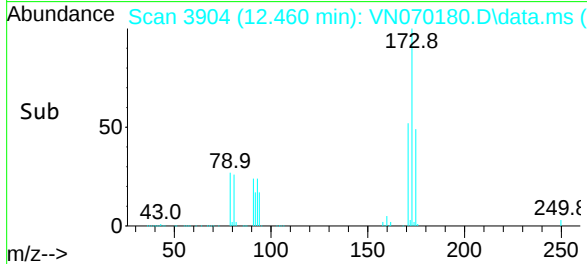
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



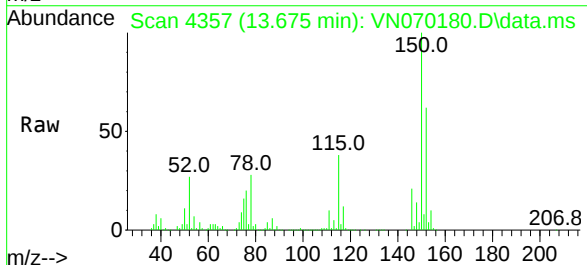
Tgt Ion:173 Resp: 45497
Ion Ratio Lower Upper
173 100
175 47.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

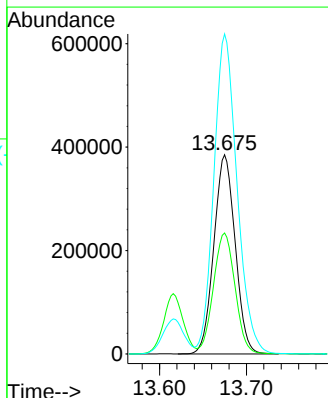
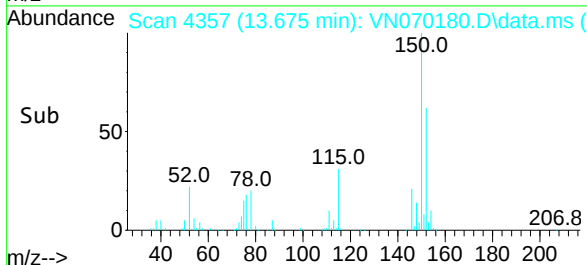
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

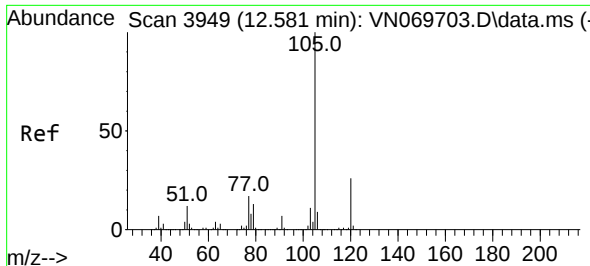


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion:152 Resp: 656638
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 174.9 0.0 344.4





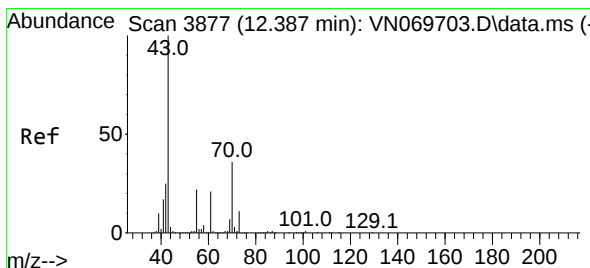
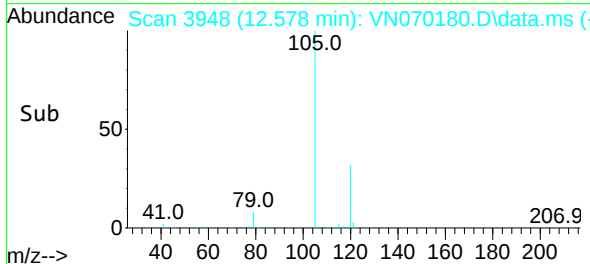
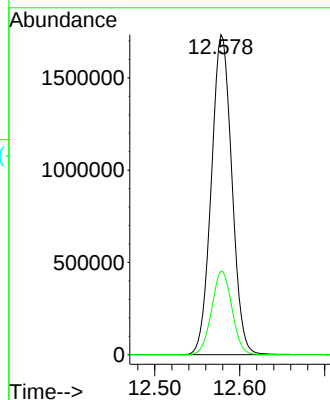
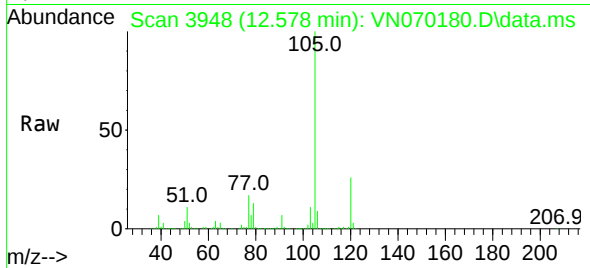
#73
Isopropylbenzene
Concen: 49.787 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 290868
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

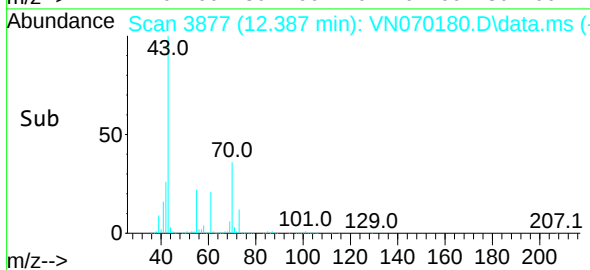
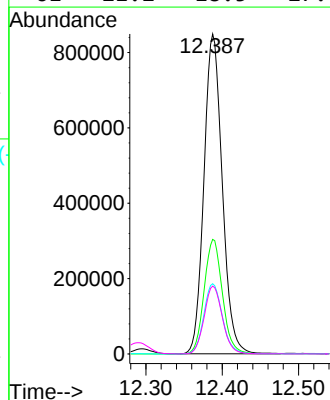
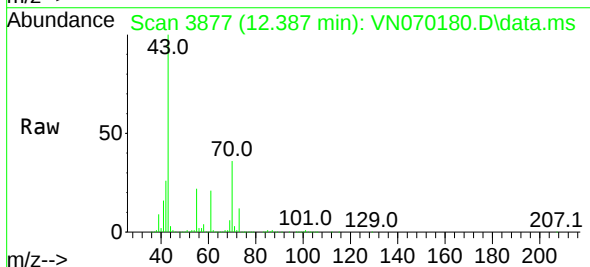
Manual Integrations
APPROVED

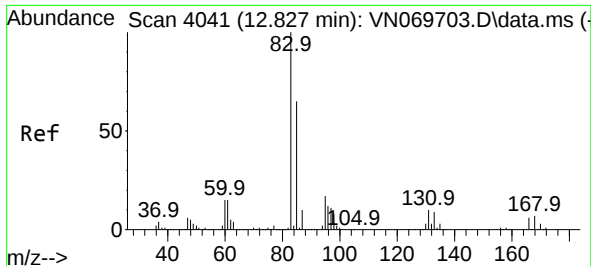
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 54.732 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

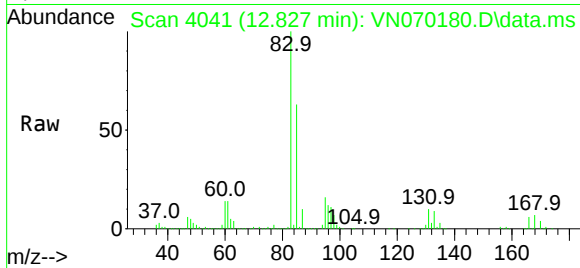
Tgt Ion: 43 Resp: 1414089
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 22.4 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.341 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

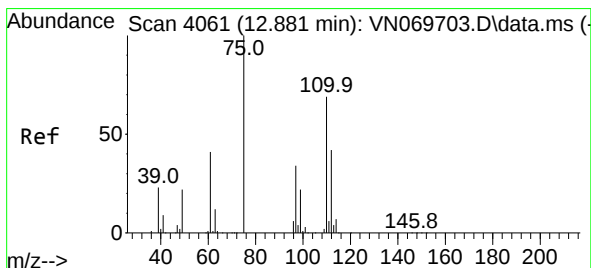
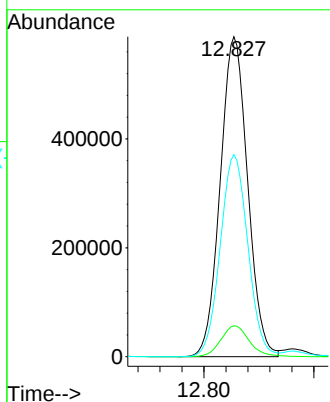
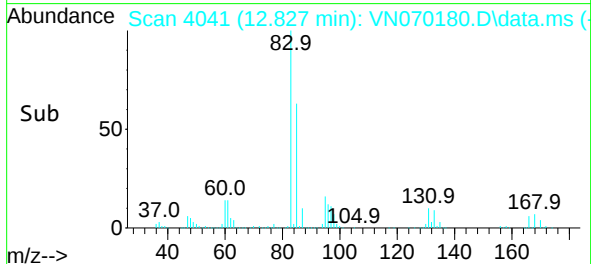
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 101702
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.6 32.4 97.2

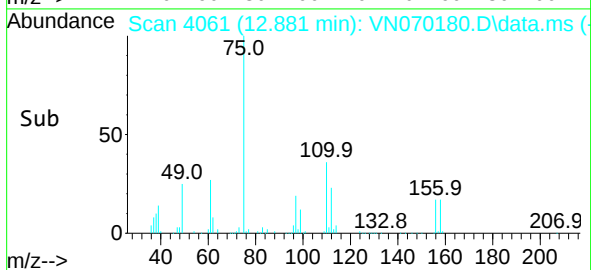
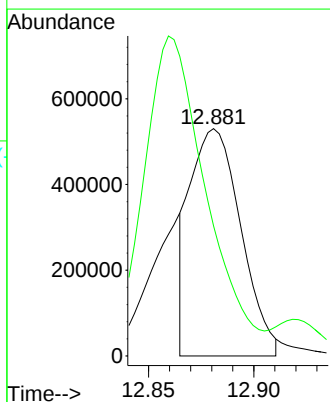
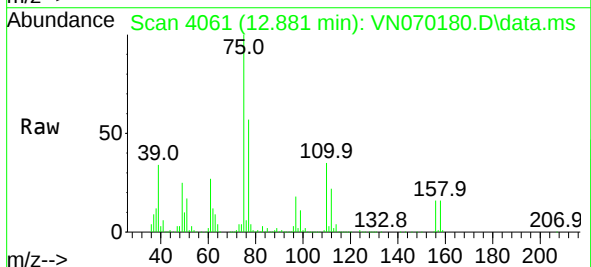
Manual Integrations
APPROVED

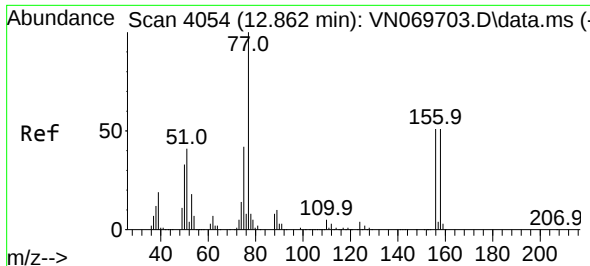
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 47.218 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

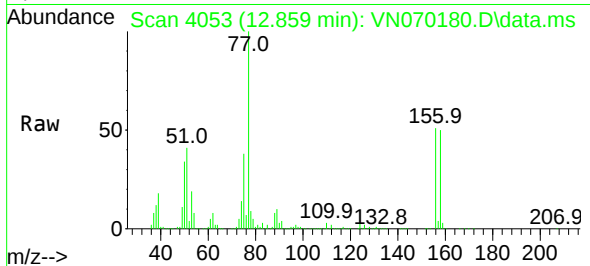
Tgt Ion: 75 Resp: 889156
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 48.706 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

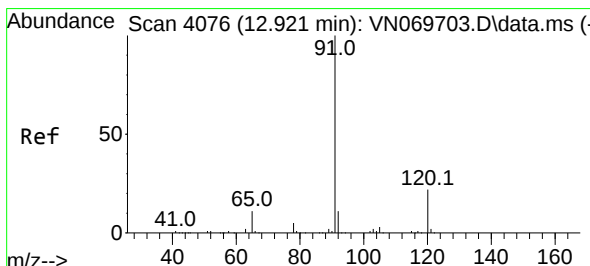
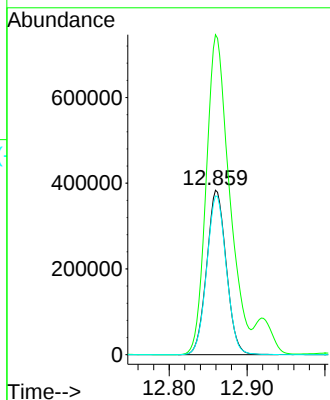
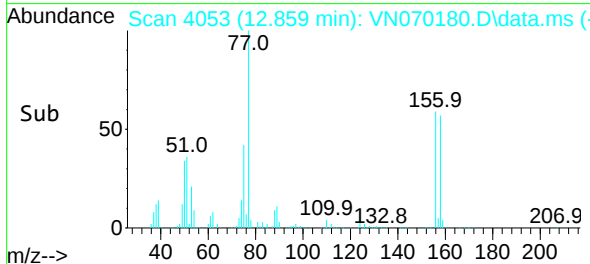
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 668379
Ion Ratio Lower Upper
156 100
77 231.3 90.6 271.8
158 97.4 48.9 146.7

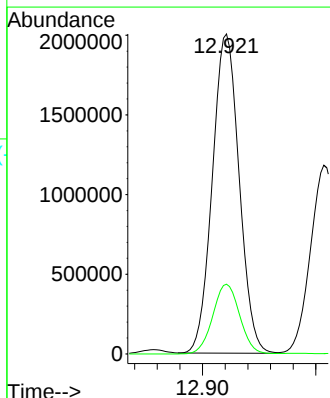
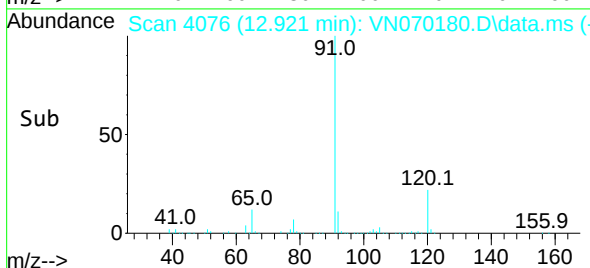
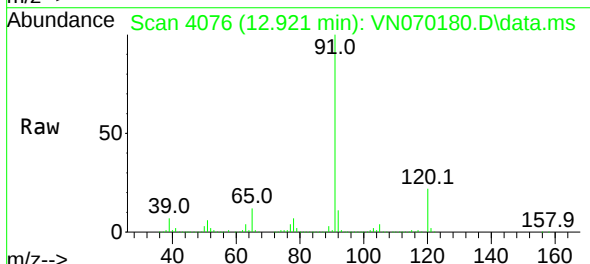
Manual Integrations
APPROVED

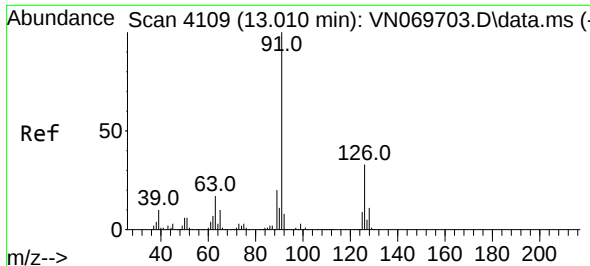
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 50.567 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Tgt Ion: 91 Resp: 3287391
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





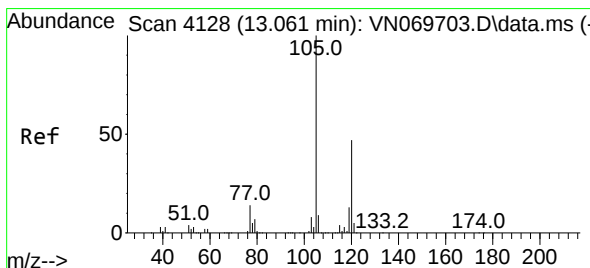
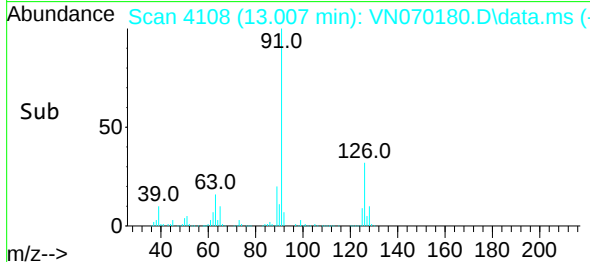
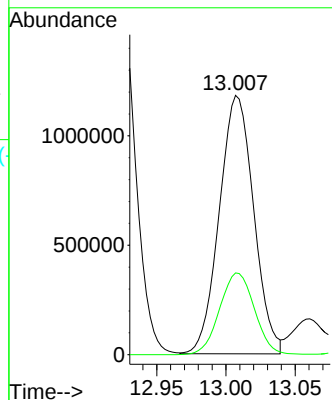
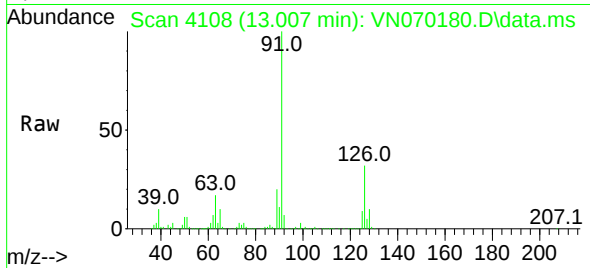
#79
2-Chlorotoluene
Concen: 49.758 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 204401
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

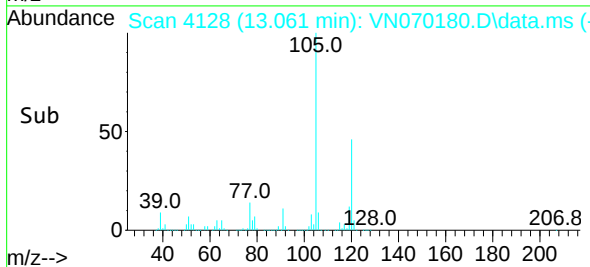
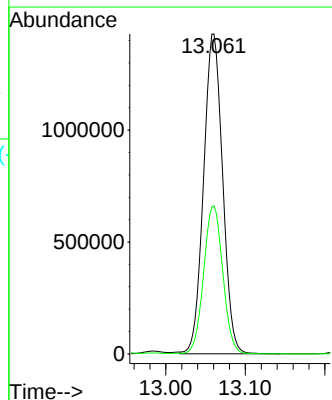
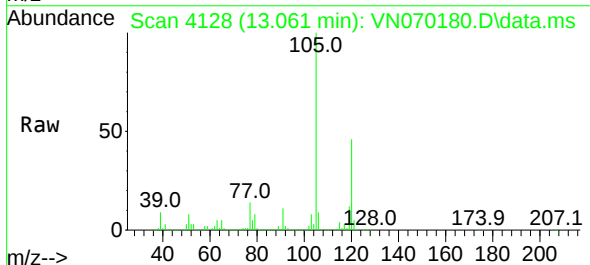
Manual Integrations
APPROVED

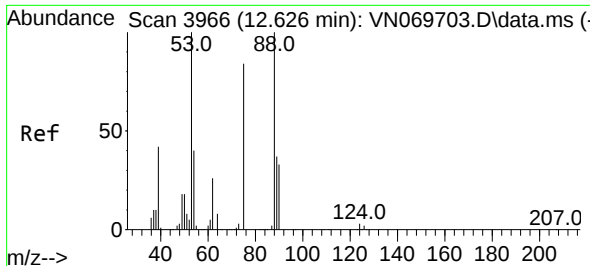
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.629 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

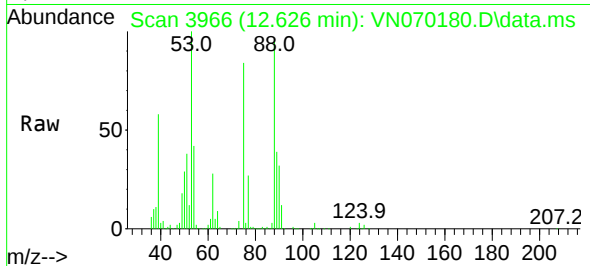
Tgt Ion:105 Resp: 2380728
Ion Ratio Lower Upper
105 100
120 46.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.861 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

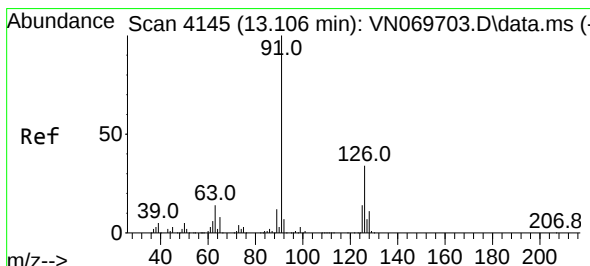
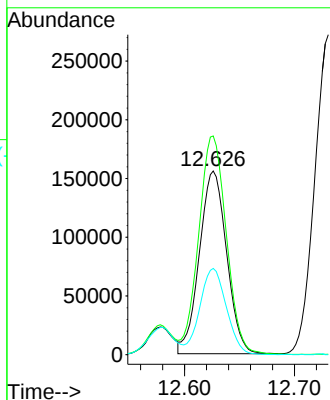
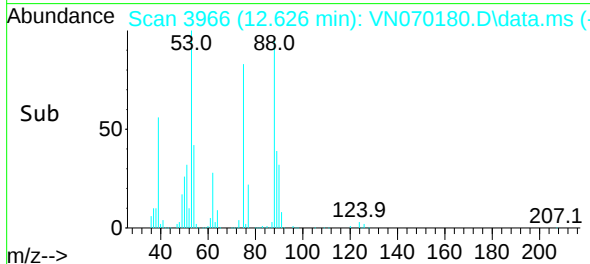
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



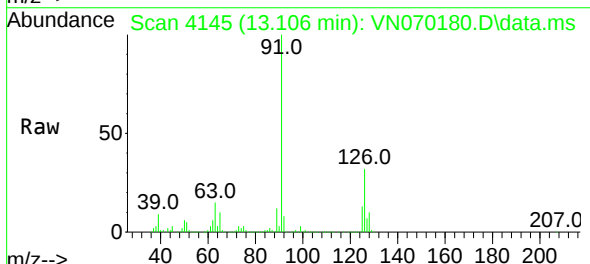
Tgt Ion: 75 Resp: 268024
Ion Ratio Lower Upper
75 100
53 122.0 90.5 135.7
89 46.1 38.2 57.4

Manual Integrations
APPROVED

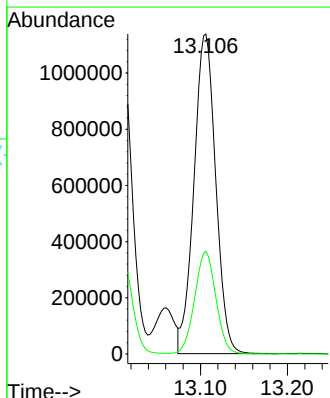
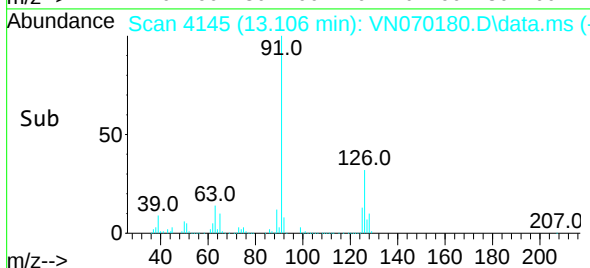
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 51.081 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



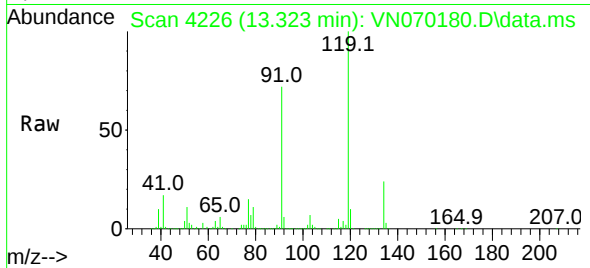
Tgt Ion: 91 Resp: 1973370
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.541 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

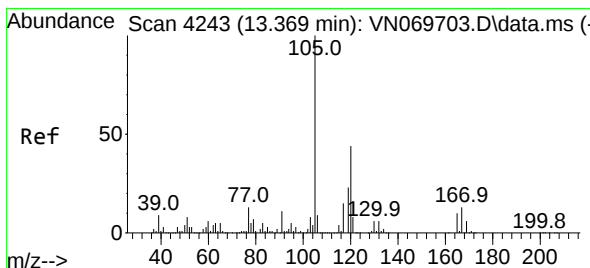
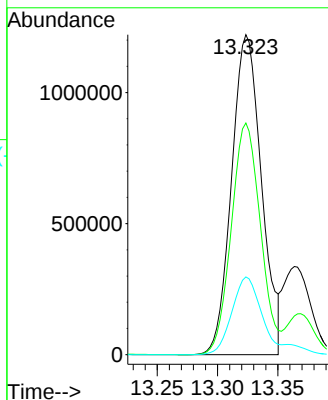
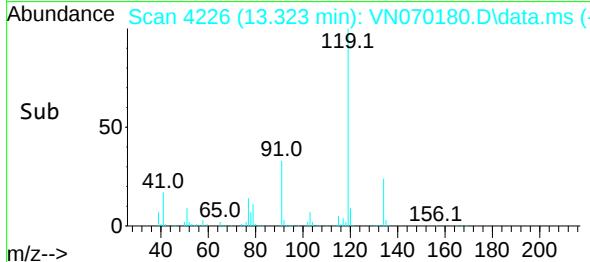
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



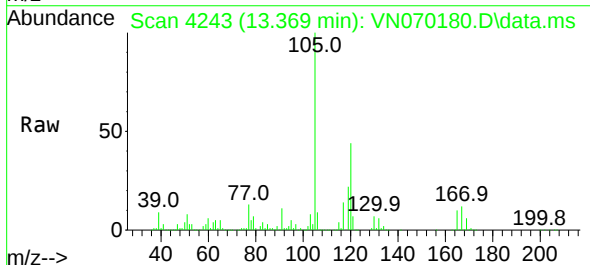
Tgt Ion:119 Resp: 210439
Ion Ratio Lower Upper
119 100
91 71.0 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
APPROVED

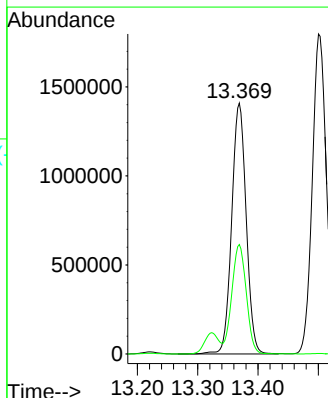
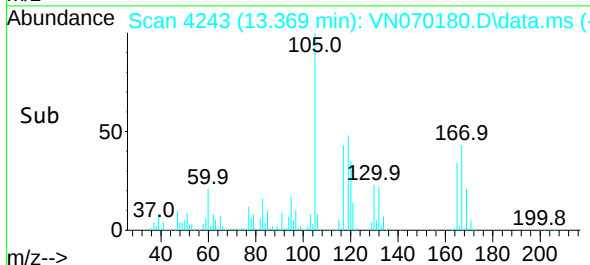
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

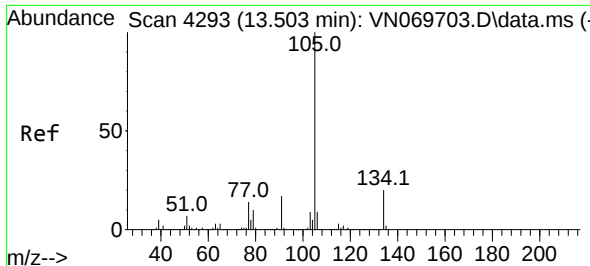


#84
1,2,4-Trimethylbenzene
Concen: 52.404 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion:105 Resp: 2346805
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





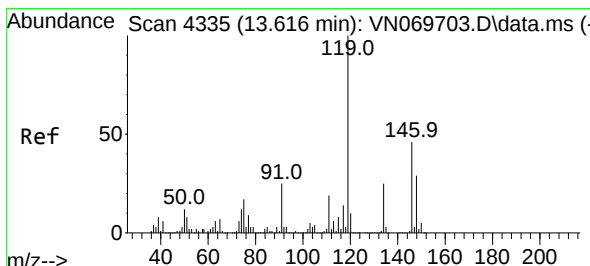
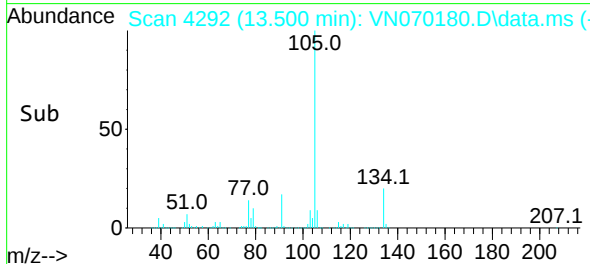
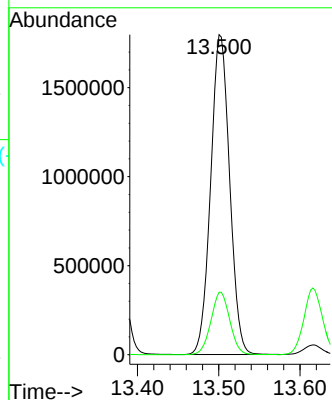
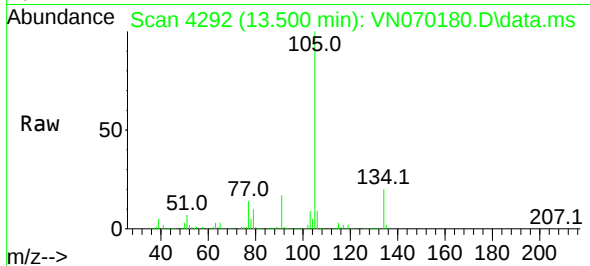
#85
 sec-Butylbenzene
 Concen: 51.530 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN070180.D
 Acq: 17 Dec 2021 22:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 2910260
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

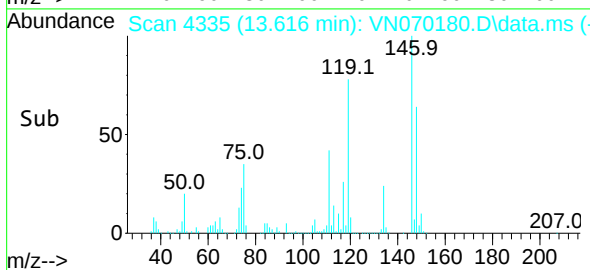
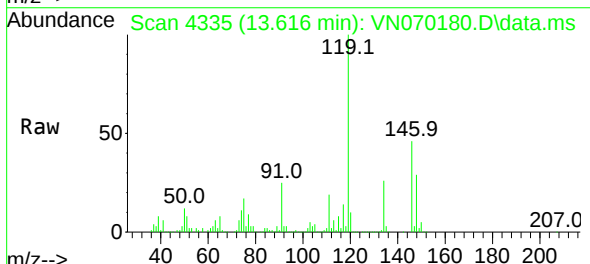
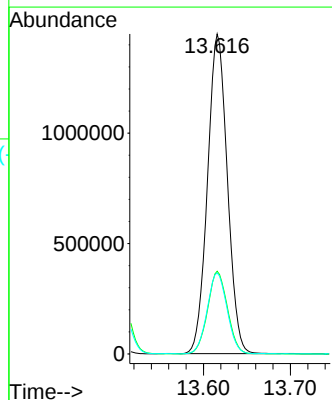
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 52.020 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070180.D
 Acq: 17 Dec 2021 22:34

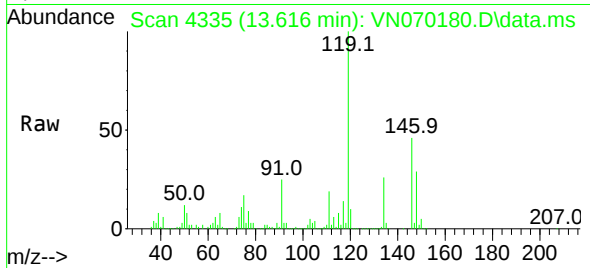
Tgt Ion:119 Resp: 2296489
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.765 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

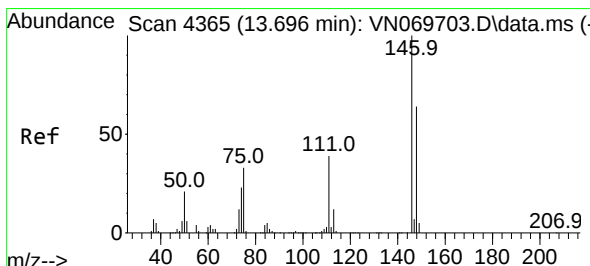
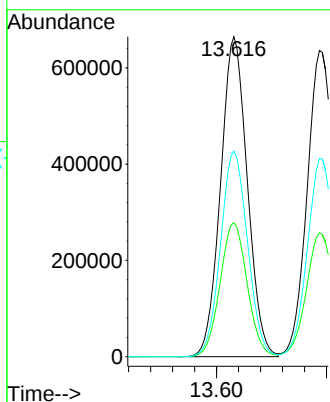
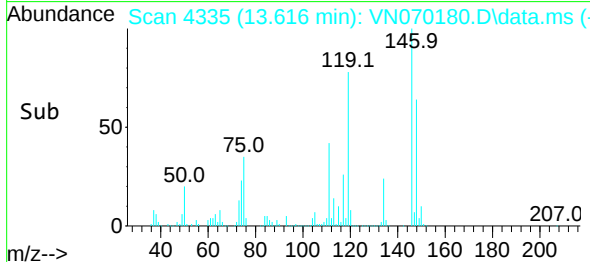
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



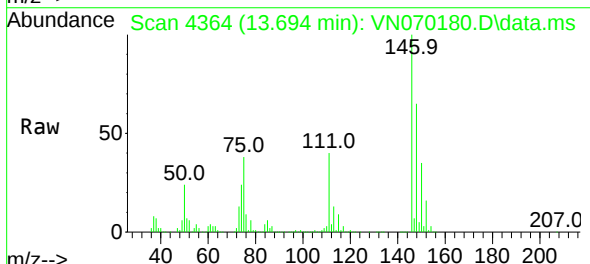
Tgt Ion:146 Resp: 1121908
Ion Ratio Lower Upper
146 100
111 42.5 18.6 55.6
148 65.0 31.6 95.0

Manual Integrations
APPROVED

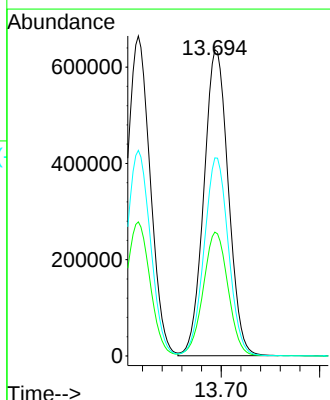
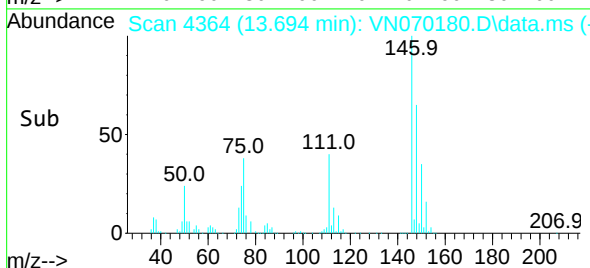
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

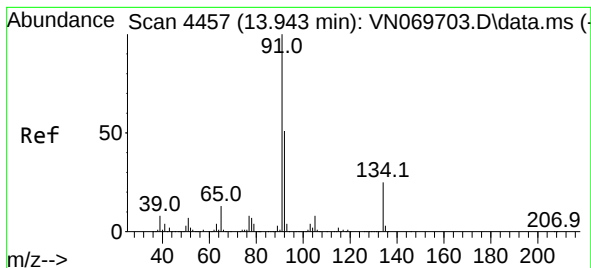


#88
1,4-Dichlorobenzene
Concen: 49.653 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion:146 Resp: 1100054
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 52.693 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1886974

Ion Ratio Lower Upper

91 100

92 51.8 25.4 76.0

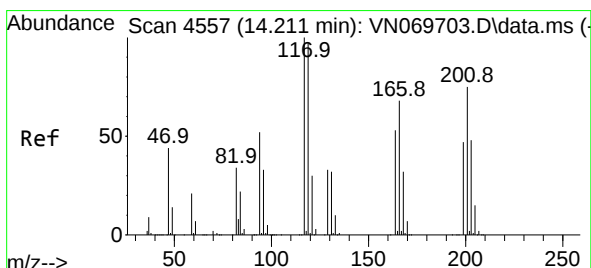
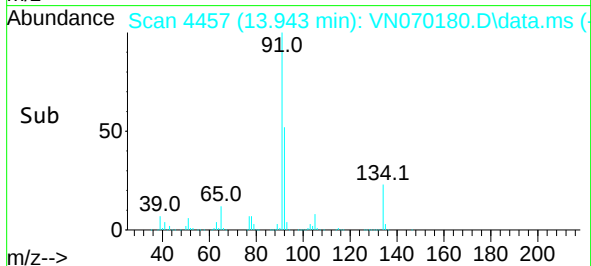
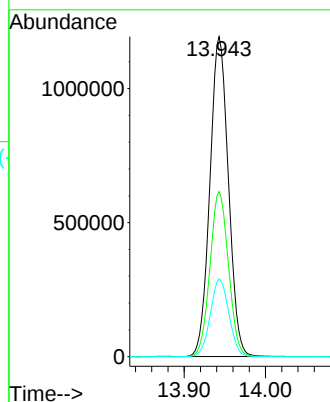
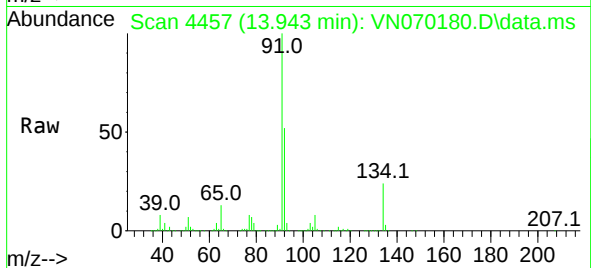
134 24.4 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#90

Hexachloroethane

Concen: 49.750 ug/l

RT: 14.211 min Scan# 4557

Delta R.T. 0.000 min

Lab File: VN070180.D

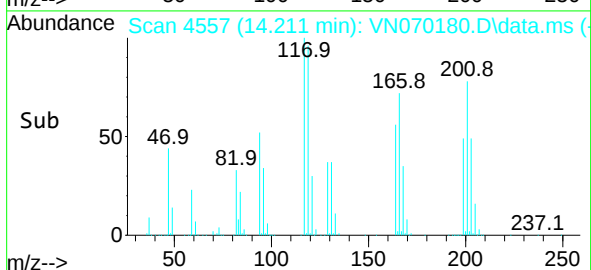
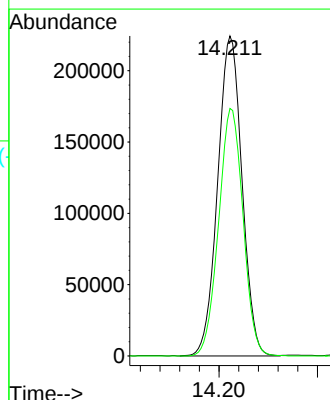
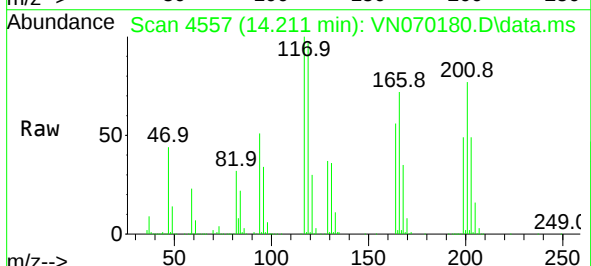
Acq: 17 Dec 2021 22:34

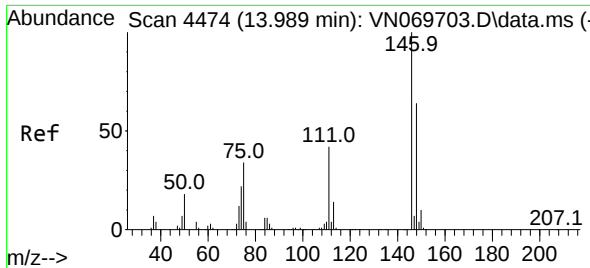
Tgt Ion:117 Resp: 385601

Ion Ratio Lower Upper

117 100

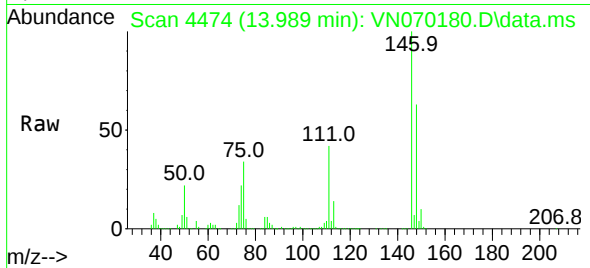
201 77.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.918 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

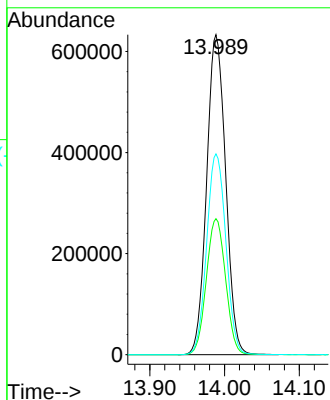
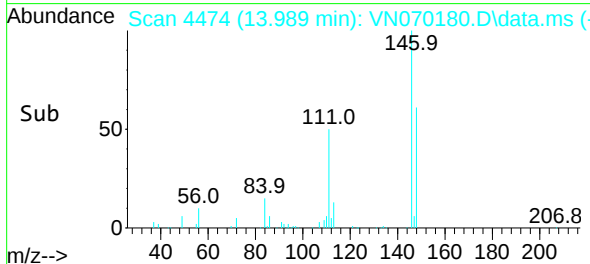
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



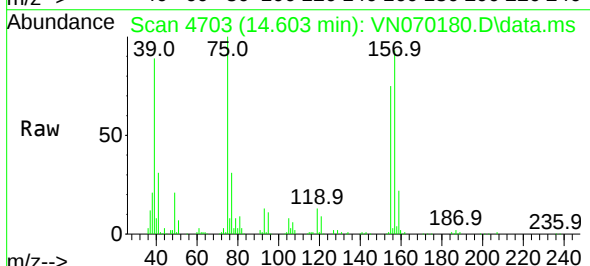
Tgt Ion:146 Resp: 111844
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.5 32.1 96.3

Manual Integrations
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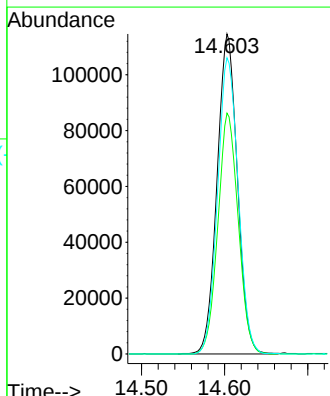
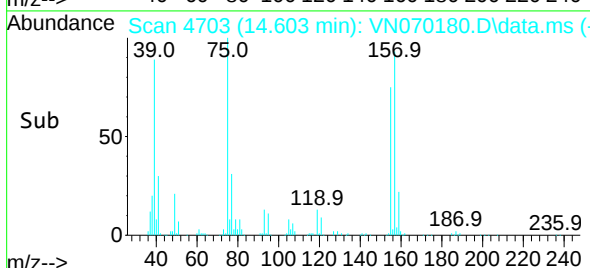
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

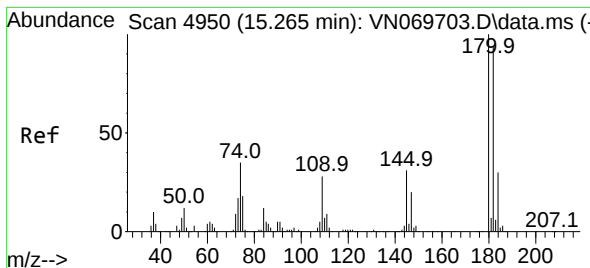


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.488 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34



Tgt Ion: 75 Resp: 195263
Ion Ratio Lower Upper
75 100
155 75.2 46.9 140.7
157 93.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 50.279 ug/l

RT: 15.262 min Scan# 4950

Delta R.T. -0.003 min

Lab File: VN070180.D

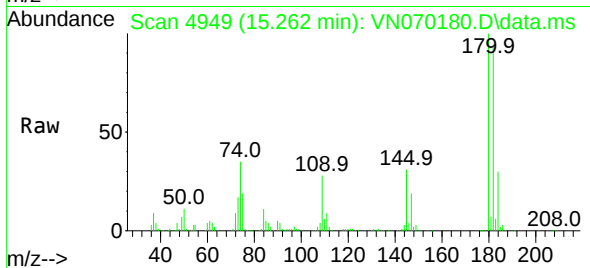
Acq: 17 Dec 2021 22:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 541854

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.9

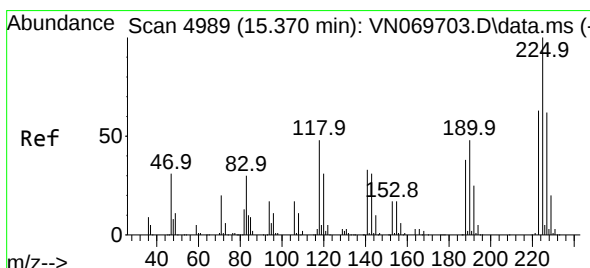
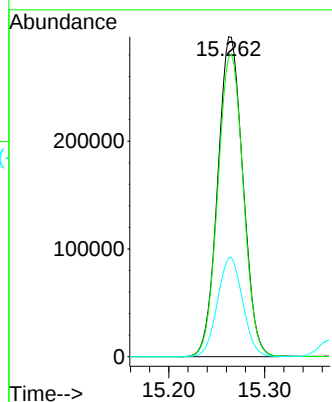
145 31.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/23/2021



#94

Hexachlorobutadiene

Concen: 53.124 ug/l

RT: 15.370 min Scan# 4989

Delta R.T. 0.000 min

Lab File: VN070180.D

Acq: 17 Dec 2021 22:34

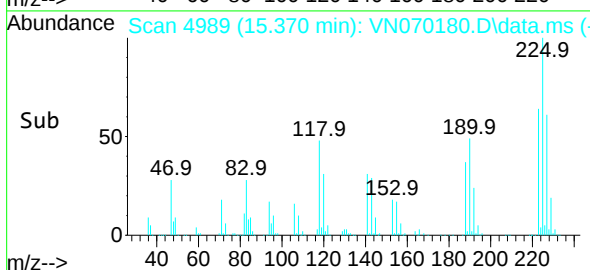
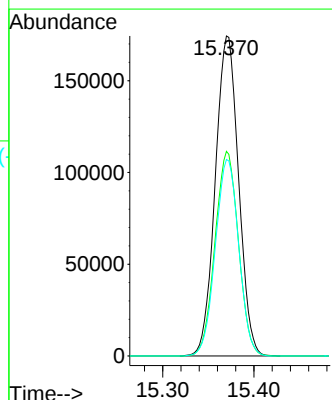
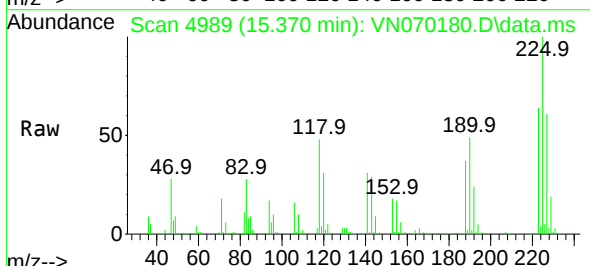
Tgt Ion:225 Resp: 309254

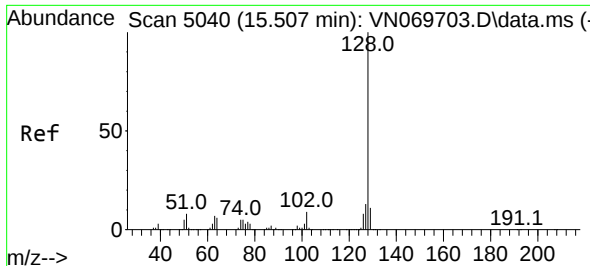
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.7

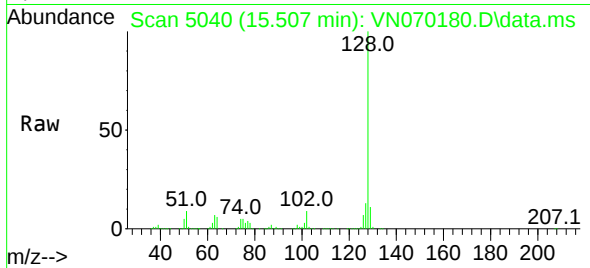
227 61.6 32.1 96.3





#95
Naphthalene
Concen: 52.393 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

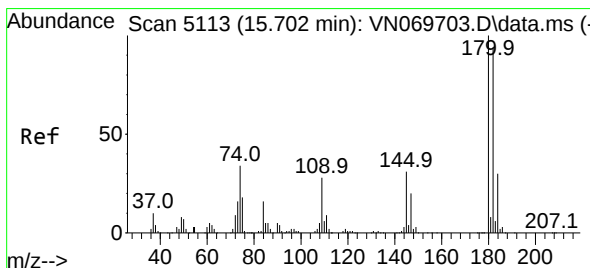
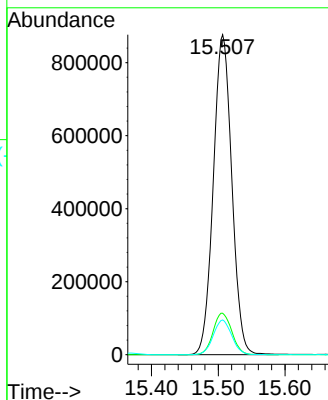
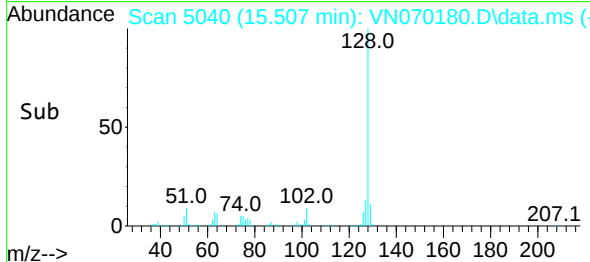
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 168794
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 52.279 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070180.D
Acq: 17 Dec 2021 22:34

Tgt Ion:180 Resp: 550134
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.6 15.0 45.1

