

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070000.D
 Acq On : 11 Dec 2021 11:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 12 16:16:34 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	951429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1514779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1433112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	638453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	756257	51.481	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.960%			
35) Dibromofluoromethane	8.024	113	521683	54.982	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.960%			
50) Toluene-d8	10.443	98	1999113	52.472	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.940%			
62) 4-Bromofluorobenzene	12.731	95	749772	54.322	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	541394	48.788	ug/l	98
3) Chloromethane	2.303	50	641882	46.170	ug/l	100
4) Vinyl Chloride	2.445	62	599394	46.889	ug/l	99
5) Bromomethane	2.834	94	339281	48.853	ug/l	99
6) Chloroethane	3.009	64	357817	45.678	ug/l	96
7) Trichlorofluoromethane	3.371	101	794247	47.340	ug/l	99
8) Diethyl Ether	3.821	74	319400	49.429	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.205	101	486706	51.751	ug/l	96
10) Methyl Iodide	4.417	142	614441	47.824	ug/l	98
11) Tert butyl alcohol	5.379	59	597151	215.051	ug/l	98
12) 1,1-Dichloroethene	4.175	96	441307	48.695	ug/l	89
13) Acrolein	4.038	56	625526	264.529	ug/l	99
14) Allyl chloride	4.838	41	1067018	52.250	ug/l #	91
15) Acrylonitrile	5.554	53	1807649	241.586	ug/l	99
16) Acetone	4.288	43	2332579	263.964	ug/l	95
17) Carbon Disulfide	4.524	76	1230648	52.561	ug/l	99
18) Methyl Acetate	4.854	43	1262733	47.341	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1744593	49.508	ug/l	95
20) Methylene Chloride	5.093	84	555348	47.274	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	477155	48.474	ug/l	85
22) Diisopropyl ether	6.498	45	2088435	52.322	ug/l #	94
23) Vinyl Acetate	6.433	43	8584796	264.363	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1054189	50.985	ug/l	97
25) 2-Butanone	7.337	43	2955590	246.164	ug/l	90
26) 2,2-Dichloropropane	7.327	77	857227	53.322	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	584707	49.165	ug/l	84
28) Bromochloromethane	7.656	49	575475	53.522	ug/l #	77
29) Tetrahydrofuran	7.686	42	1731684	237.520	ug/l	87
30) Chloroform	7.817	83	1054722	50.509	ug/l	99
31) Cyclohexane	8.096	56	974821	47.684	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	909431	51.128	ug/l	95
36) 1,1-Dichloropropene	8.222	75	771487	53.500	ug/l	95
37) Ethyl Acetate	7.415	43	1065036	49.623	ug/l	95
38) Carbon Tetrachloride	8.206	117	785117	55.521	ug/l	100
39) Methylcyclohexane	9.461	83	904624	52.740	ug/l	90
40) Benzene	8.461	78	2278191	51.686	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	519804	51.592	ug/l	90
42) 1,2-Dichloroethane	8.531	62	913878	51.362	ug/l	96
43) Isopropyl Acetate	8.560	43	1668429	52.530	ug/l #	93
44) Trichloroethene	9.217	130	535527	50.904	ug/l	92
45) 1,2-Dichloropropane	9.491	63	629271	53.165	ug/l	100
46) Dibromomethane	9.577	93	410940	52.938	ug/l	93
47) Bromodichloromethane	9.762	83	871559	59.300	ug/l	99
48) Methyl methacrylate	9.561	41	772119	52.092	ug/l	87
49) 1,4-Dioxane	9.571	88	256348	963.874	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5442471	264.141	ug/l	94
52) Toluene	10.505	92	1409958	52.396	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	914748	51.642	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	970186	52.196	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	565695	52.102	ug/l	97
56) Ethyl methacrylate	10.762	69	968326	47.391	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1001975	52.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1284920	233.562	ug/l	90
59) 2-Hexanone	11.087	43	4141689	265.721	ug/l	92
60) Dibromochloromethane	11.240	129	626808	53.696	ug/l	99
61) 1,2-Dibromoethane	11.347	107	584298	51.957	ug/l	99
64) Tetrachloroethene	10.979	164	458664	47.200	ug/l	96
65) Chlorobenzene	11.771	112	1494912	51.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	572833	55.979	ug/l	100
67) Ethyl Benzene	11.846	91	2829118	53.570	ug/l	96
68) m/p-Xylenes	11.953	106	2080701	108.206	ug/l	93
69) o-Xylene	12.280	106	1021427	52.735	ug/l	90
70) Styrene	12.294	104	1713301	55.784	ug/l	95
71) Bromoform	12.460	173	480033	54.582	ug/l #	99
73) Isopropylbenzene	12.578	105	2719382	47.873	ug/l	98
74) N-amyl acetate	12.387	43	1255558	49.980	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	924637	47.072	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	817974m	44.675	ug/l	
77) Bromobenzene	12.862	156	626141	46.928	ug/l	77
78) n-propylbenzene	12.921	91	3218609	50.919	ug/l	95
79) 2-Chlorotoluene	13.010	91	1939879	48.569	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2266606	49.575	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	285587	50.965	ug/l	96
82) 4-Chlorotoluene	13.106	91	1895436	50.462	ug/l	92
83) tert-Butylbenzene	13.323	119	1975077	48.786	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2204481	50.628	ug/l	97
85) sec-Butylbenzene	13.503	105	2797630	50.946	ug/l	97
86) p-Isopropyltoluene	13.616	119	2245863	52.322	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1102242	50.286	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	1069965	49.671	ug/l	97
89) n-Butylbenzene	13.943	91	1901908	54.622	ug/l	98
90) Hexachloroethane	14.211	117	441444	58.577	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1048453	49.091	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	181830	51.227	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	499948	47.859	ug/l	98
94) Hexachlorobutadiene	15.370	225	294992	52.117	ug/l	100
95) Naphthalene	15.507	128	1285855	41.912	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	481363	47.291	ug/l	98

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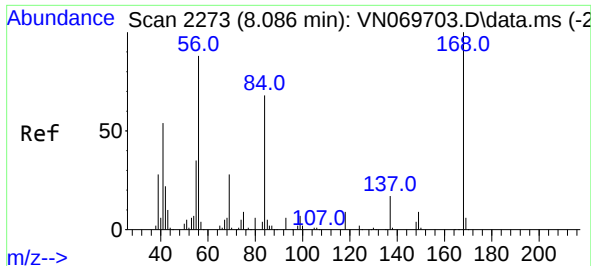
Manual Integrations
APPROVED

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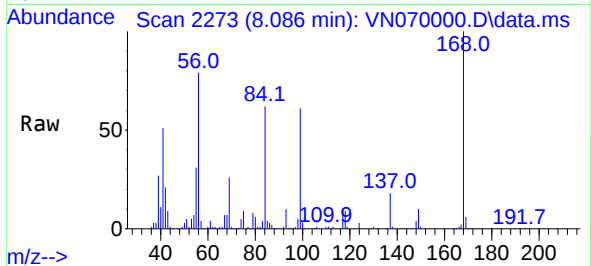
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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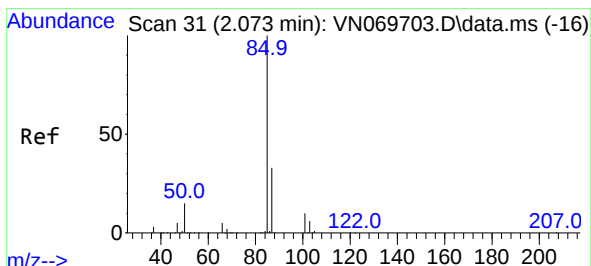
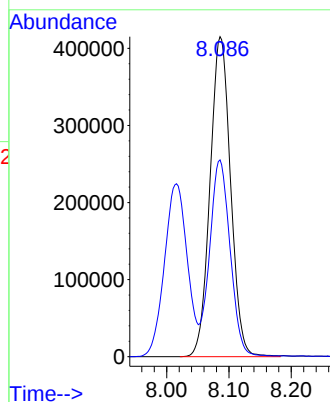
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 951429
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

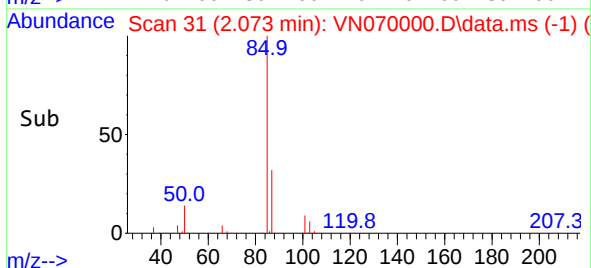
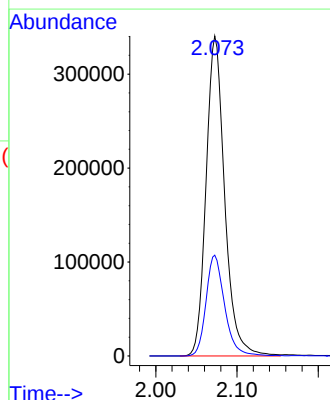
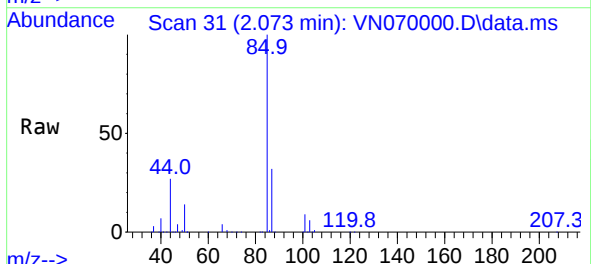
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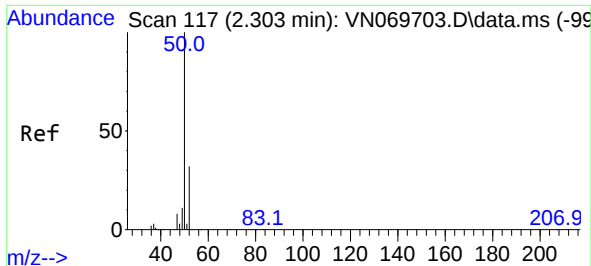
Reviewed By :John Carlone 12/13/2021
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#2
Dichlorodifluoromethane
Concen: 48.788 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

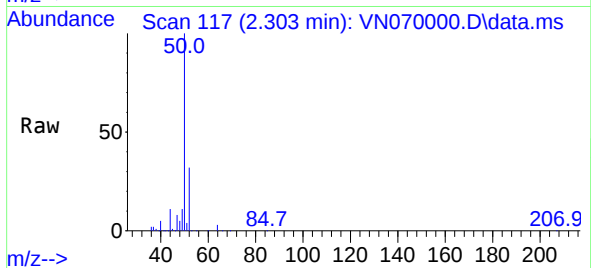
Tgt Ion: 85 Resp: 541394
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 46.170 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

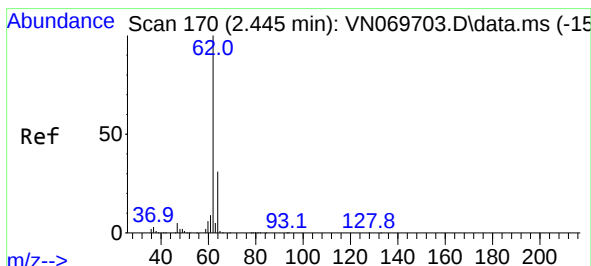
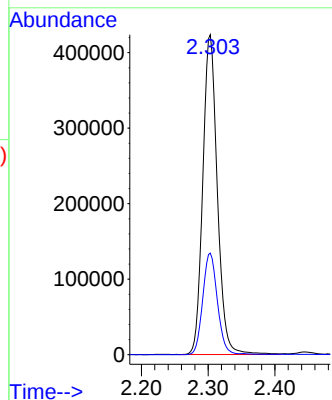
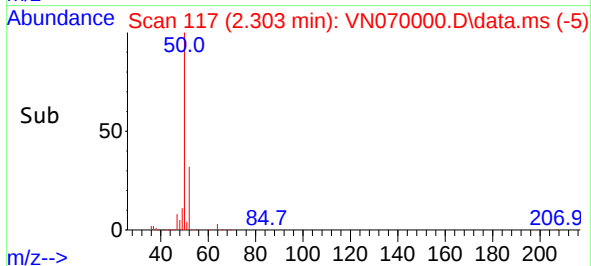
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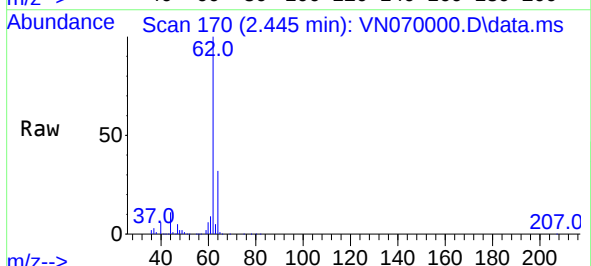
Tgt Ion: 50 Resp: 64188
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

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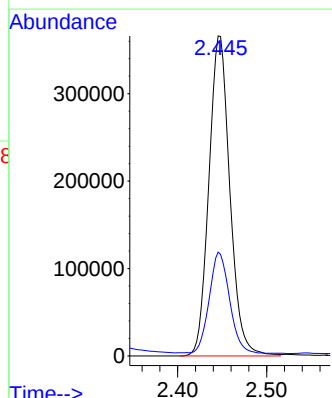
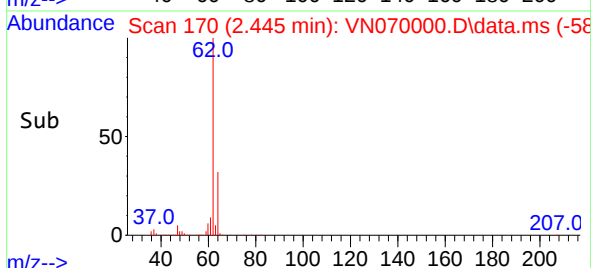
Reviewed By :John Carlone 12/13/2021
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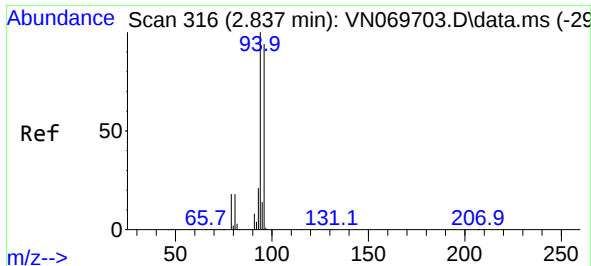


#4
Vinyl Chloride
Concen: 46.889 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



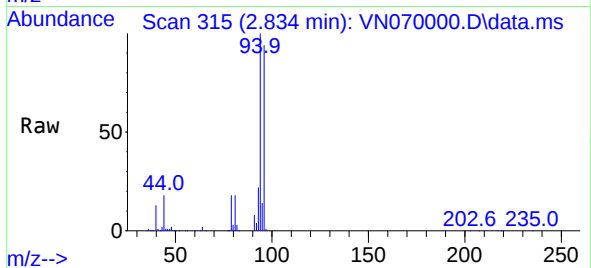
Tgt Ion: 62 Resp: 599394
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 48.853 ug/l
RT: 2.834 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

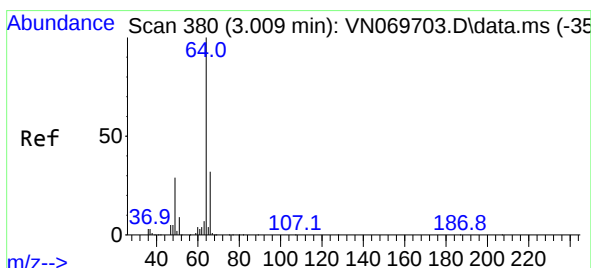
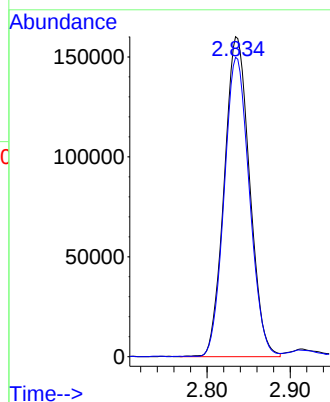
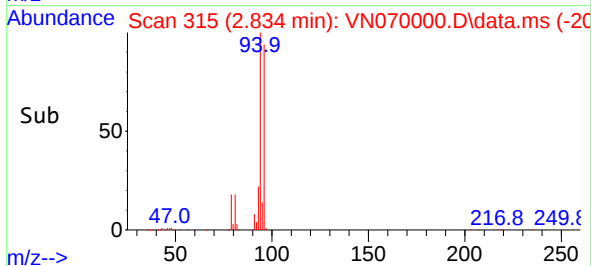
Instrument :
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Tgt Ion: 94 Resp: 33928
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.8

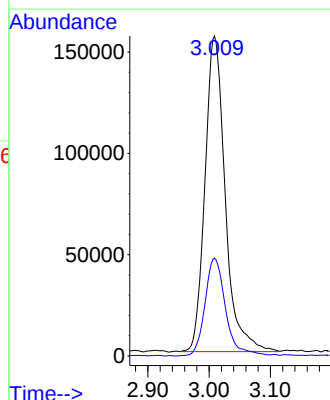
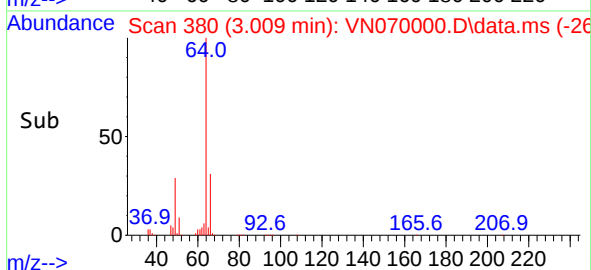
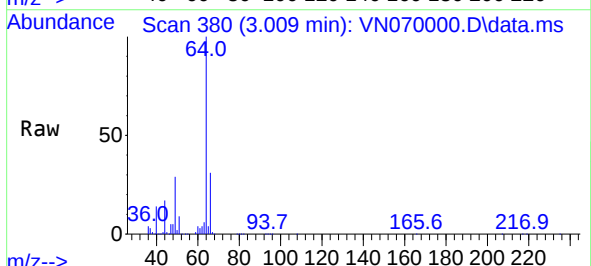
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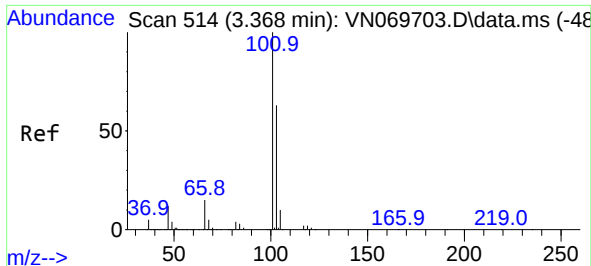
Reviewed By :John Carlone 12/13/2021
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#6
Chloroethane
Concen: 45.678 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Tgt Ion: 64 Resp: 357817
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





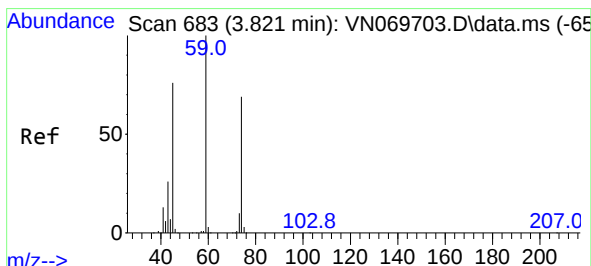
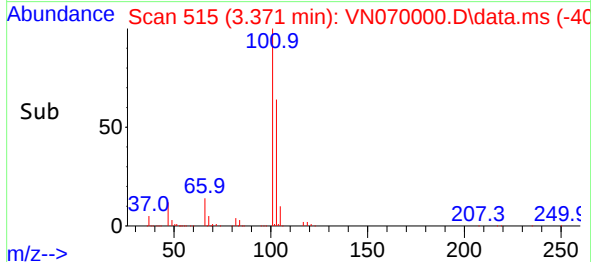
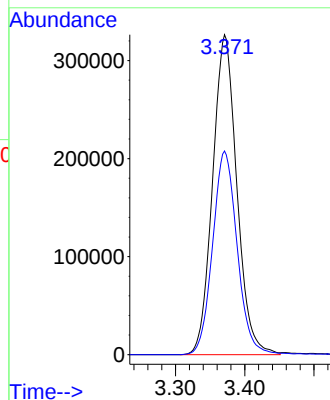
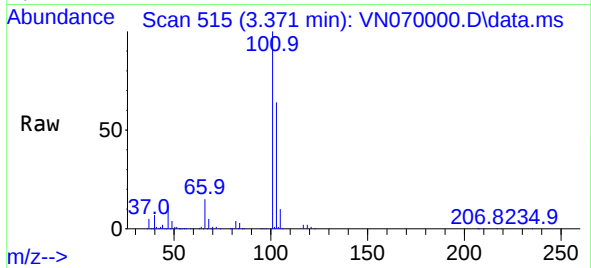
#7
Trichlorofluoromethane
Concen: 47.340 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 79424
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

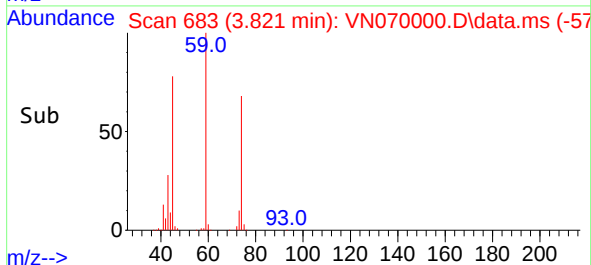
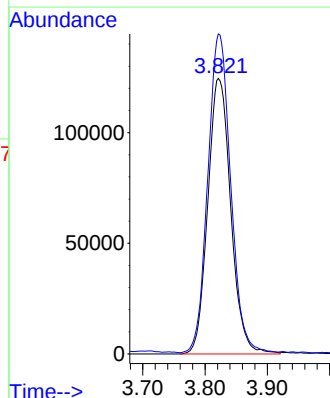
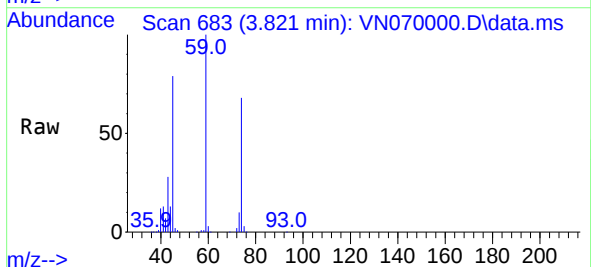
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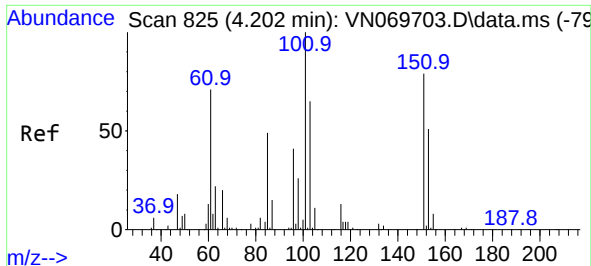
Reviewed By :John Carlone 12/13/2021
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#8
Diethyl Ether
Concen: 49.429 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070000.D
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Tgt Ion: 74 Resp: 319400
Ion Ratio Lower Upper
74 100
45 114.6 47.0 141.2





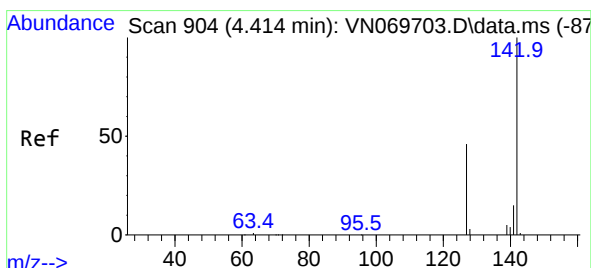
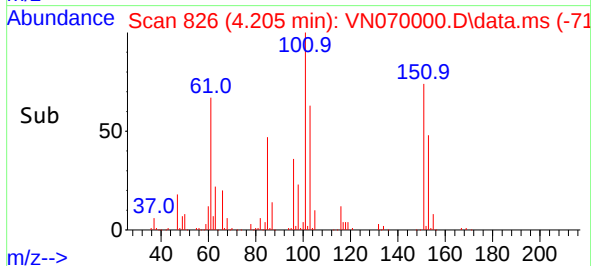
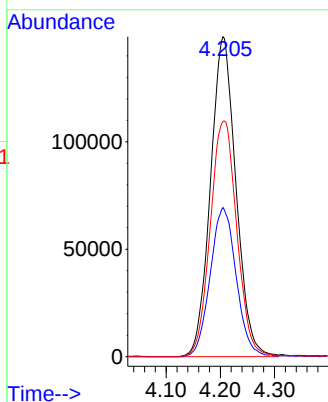
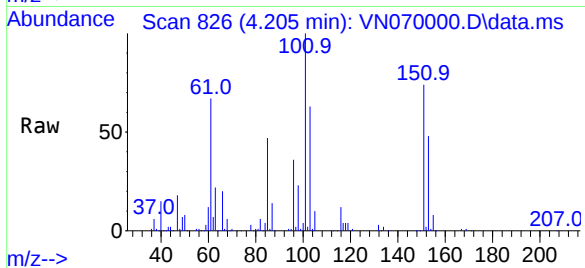
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.751 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 486700
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 76.8 65.9 98.9

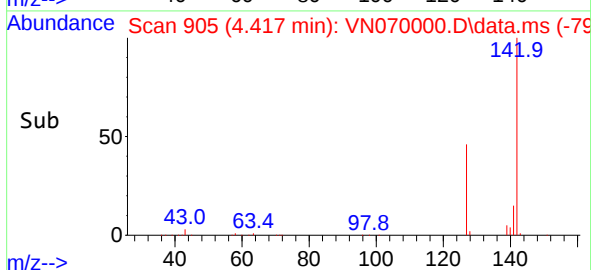
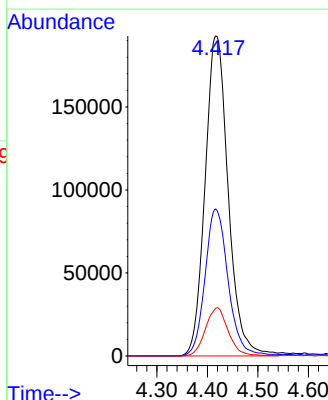
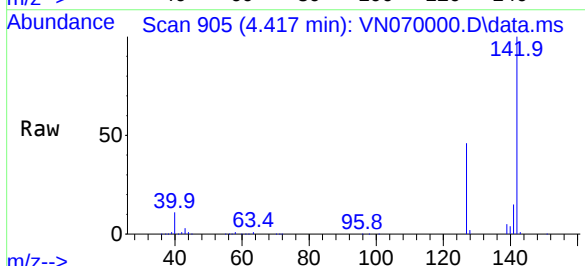
Manual Integrations
APPROVED

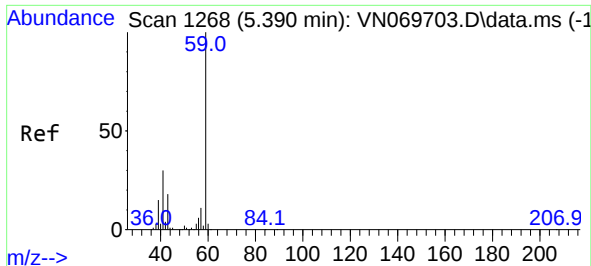
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 47.824 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

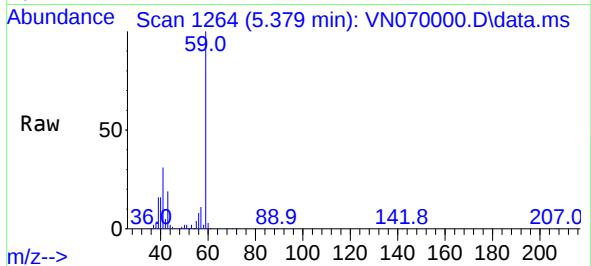
Tgt Ion:142 Resp: 614441
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 215.051 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

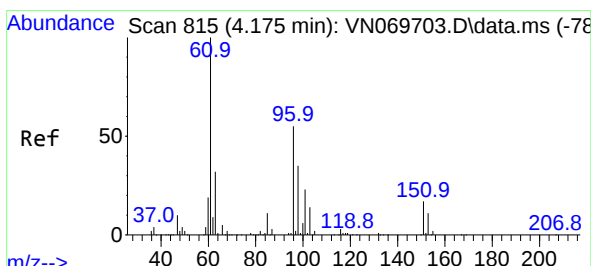
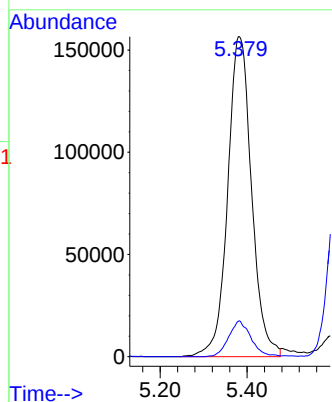
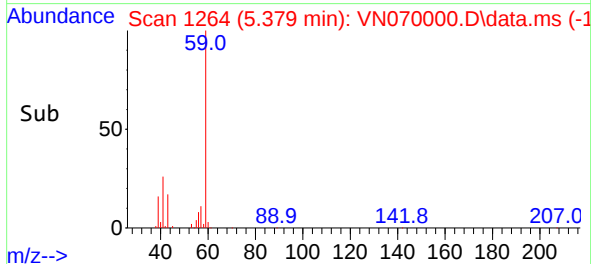
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



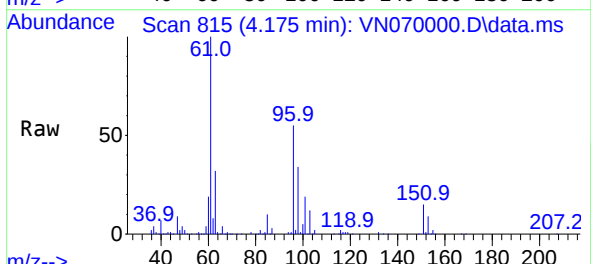
Tgt Ion: 59 Resp: 59715
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

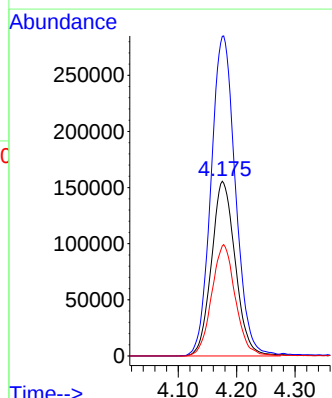
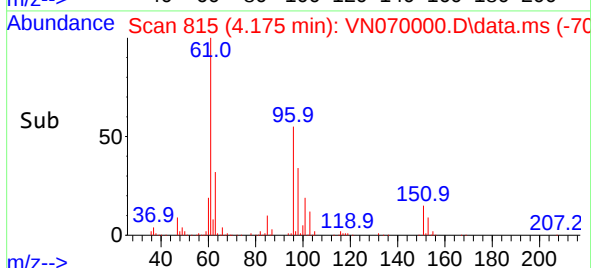
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

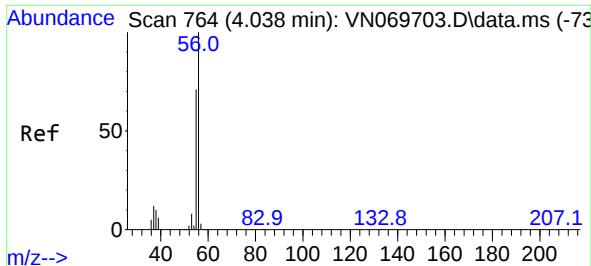


#12
1,1-Dichloroethene
Concen: 48.695 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



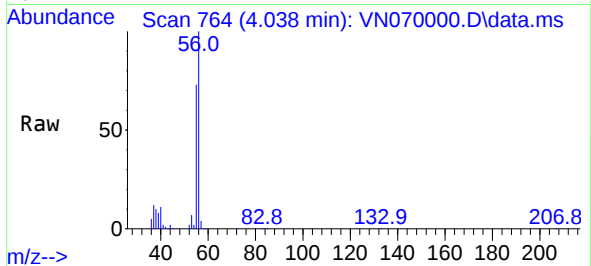
Tgt Ion: 96 Resp: 441307
Ion Ratio Lower Upper
96 100
61 182.9 131.0 196.6
98 63.0 52.4 78.6





#13
Acrolein
Concen: 264.529 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

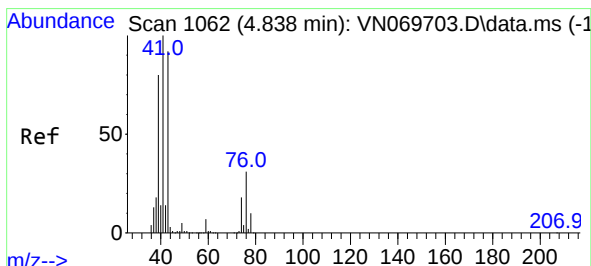
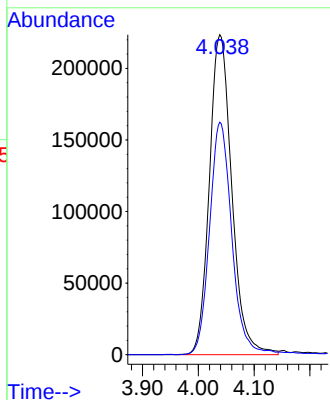
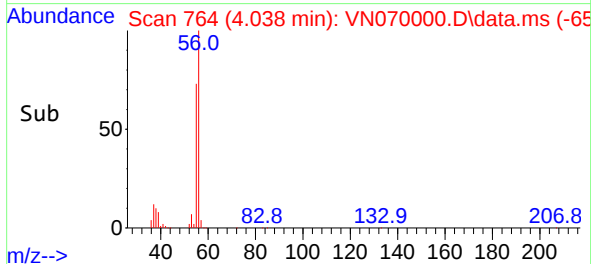
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



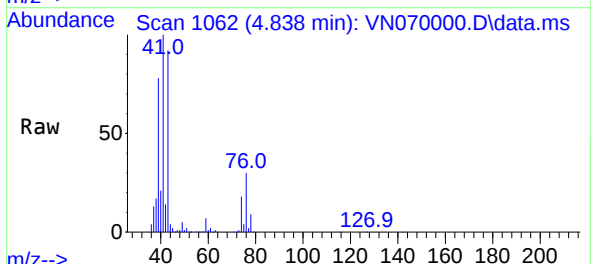
Tgt Ion: 56 Resp: 625520
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

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APPROVED

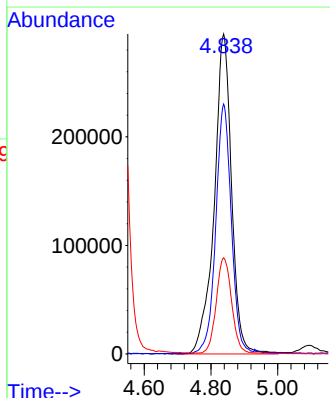
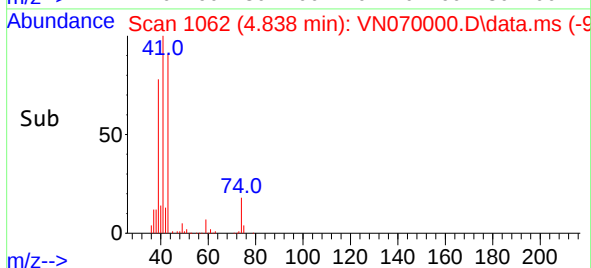
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

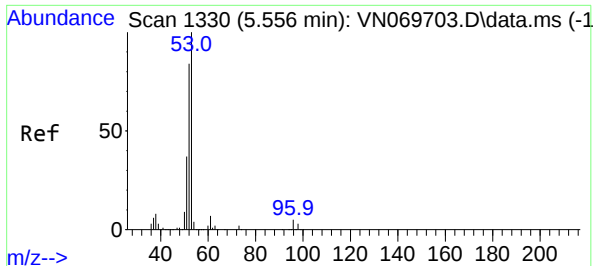


#14
Allyl chloride
Concen: 52.250 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



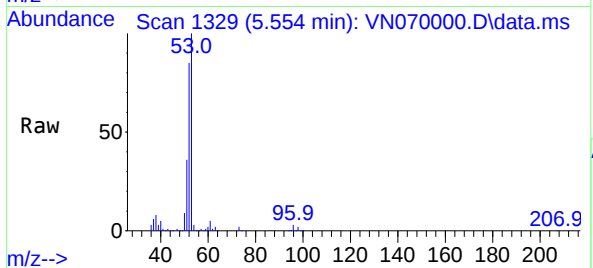
Tgt Ion: 41 Resp: 1067018
Ion Ratio Lower Upper
41 100
39 70.1 61.2 91.8
76 26.0 26.0 39.0#





#15
Acrylonitrile
Concen: 241.586 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

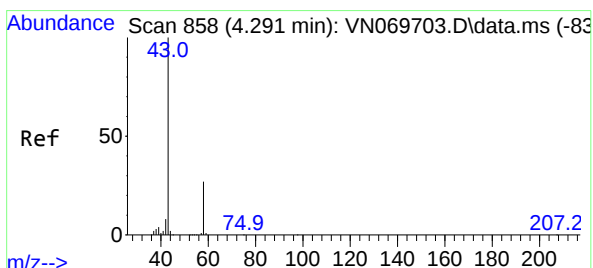
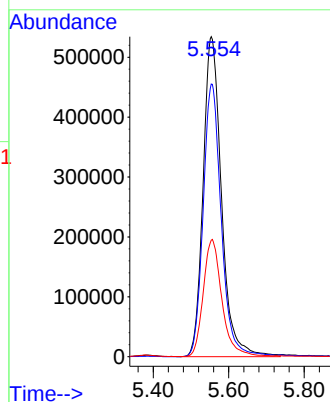
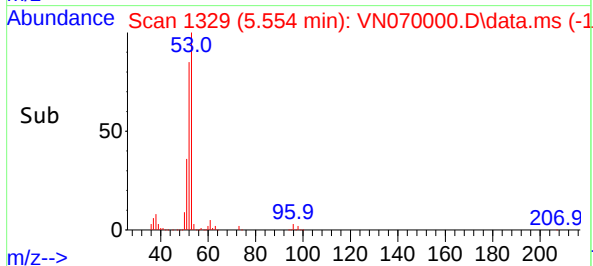
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1807649
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.1 29.6 44.4

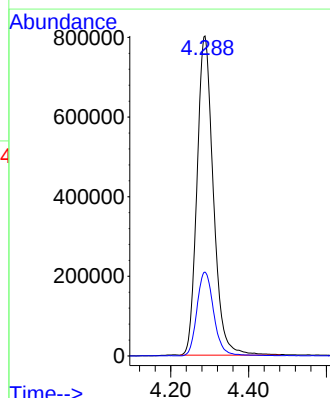
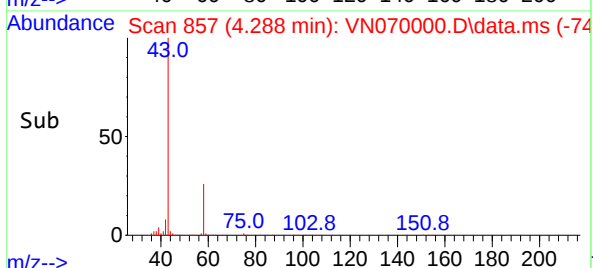
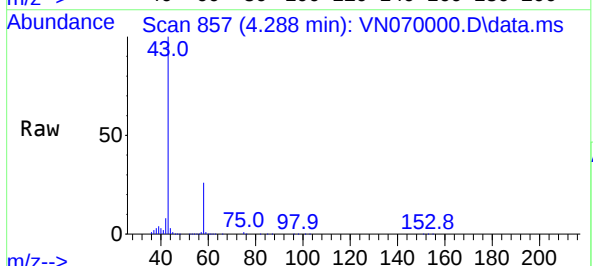
Manual Integrations
APPROVED

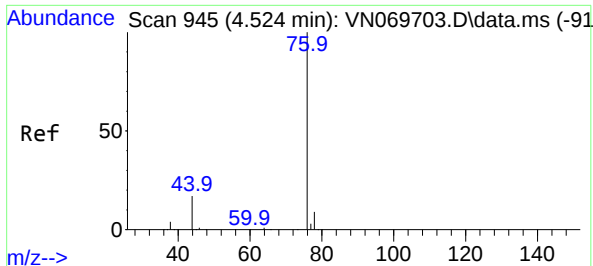
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 263.964 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

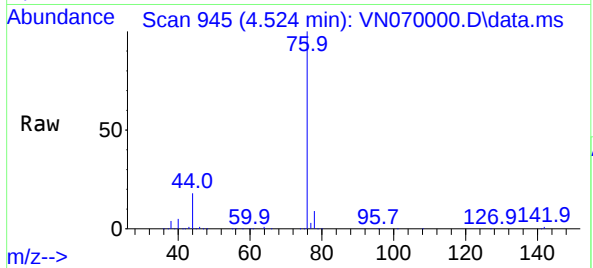
Tgt Ion: 43 Resp: 2332579
Ion Ratio Lower Upper
43 100
58 26.2 23.1 34.7





#17
Carbon Disulfide
Concen: 52.561 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

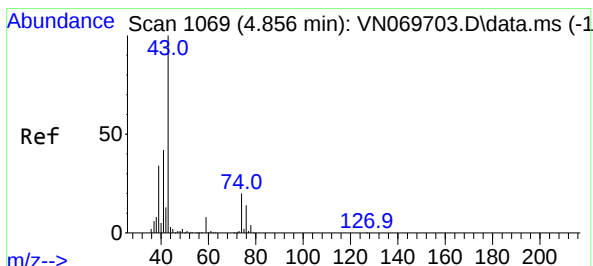
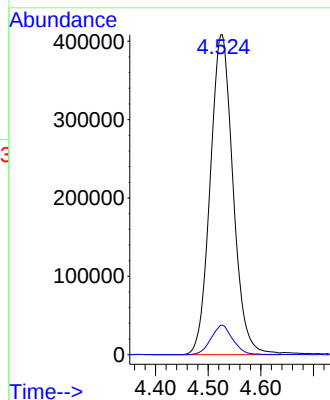
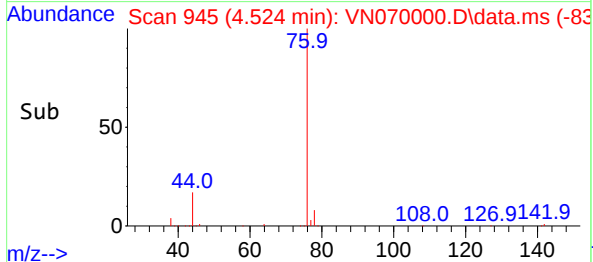
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



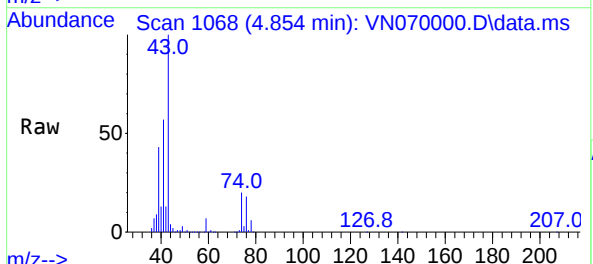
Tgt Ion: 76 Resp: 1230648
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
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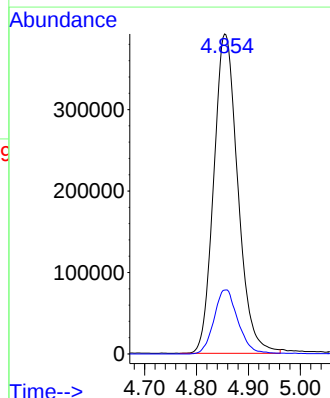
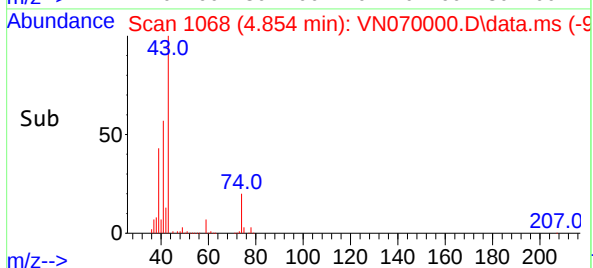
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

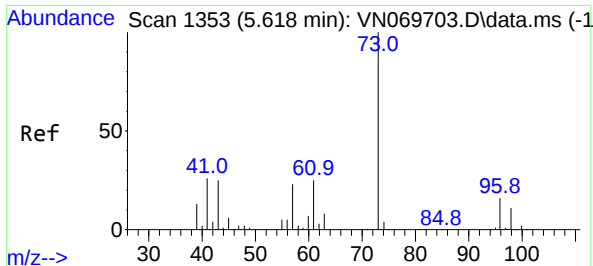


#18
Methyl Acetate
Concen: 47.341 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion: 43 Resp: 1262733
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 49.508 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070000.D

Acq: 11 Dec 2021 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 174459

Ion Ratio Lower Upper

73 100

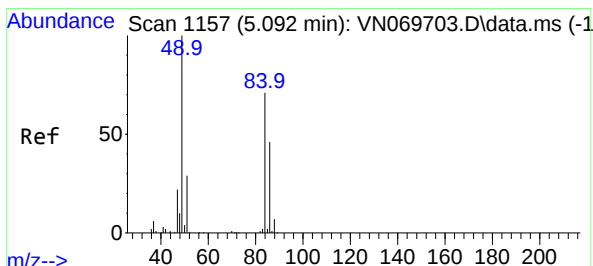
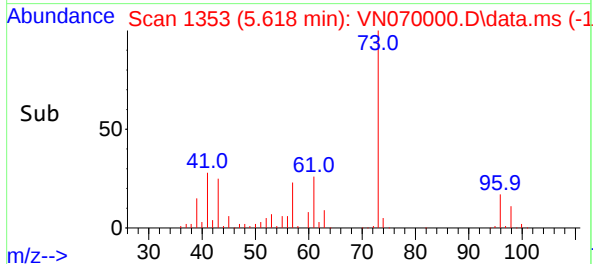
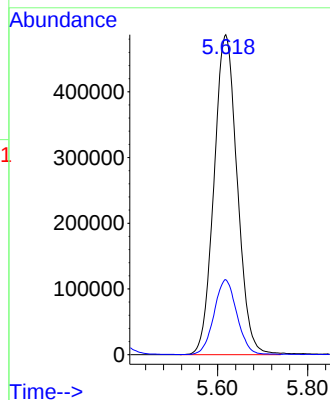
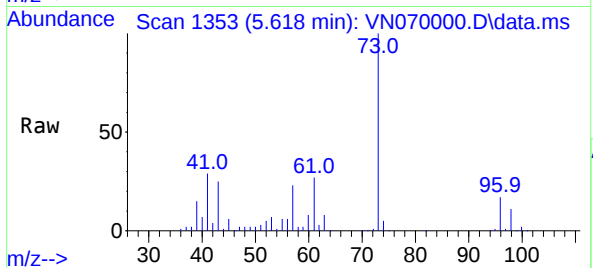
57 23.4 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 47.274 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070000.D

Acq: 11 Dec 2021 11:07

Tgt Ion: 84 Resp: 555348

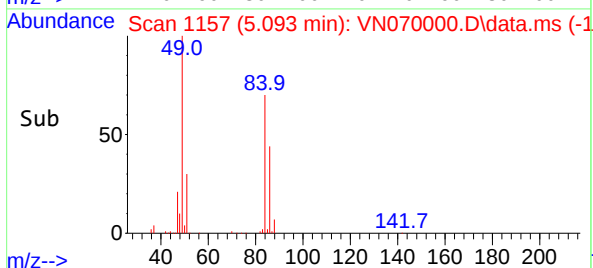
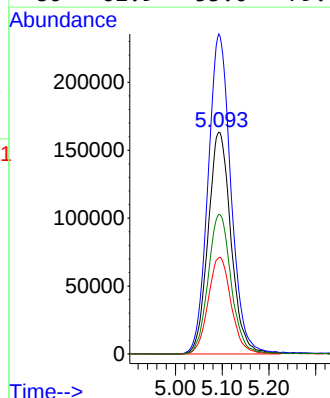
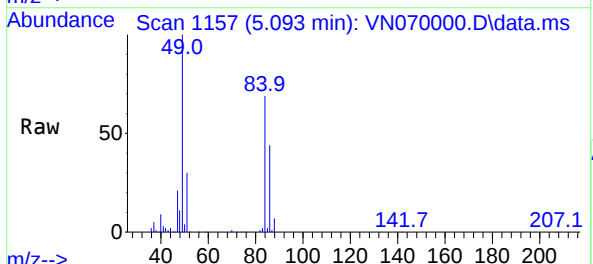
Ion Ratio Lower Upper

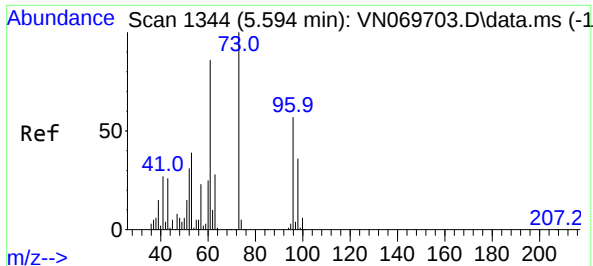
84 100

49 144.2 93.5 140.3#

51 43.3 29.4 44.2

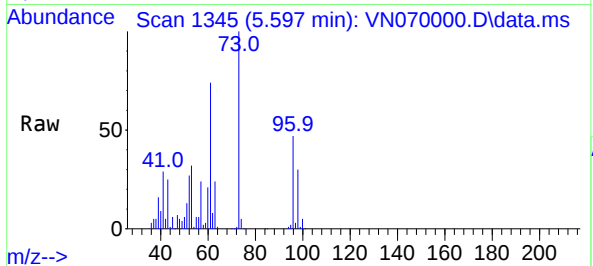
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.474 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

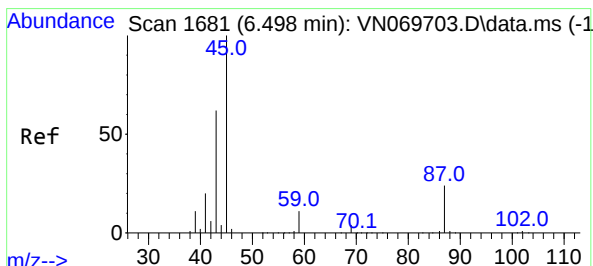
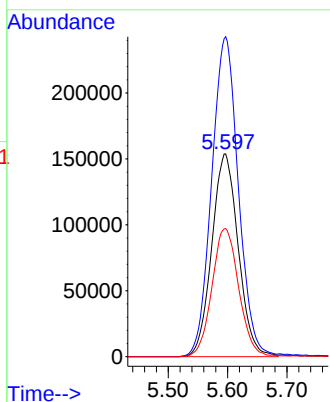
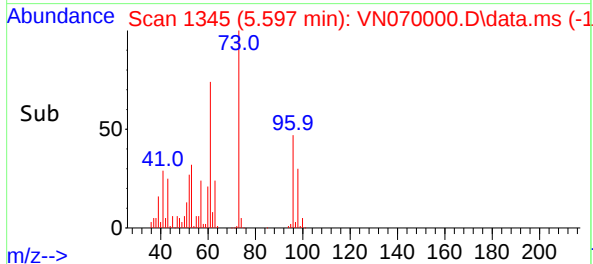
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



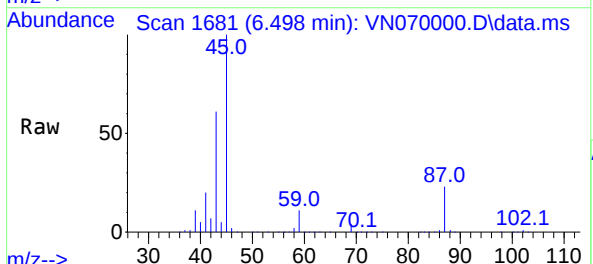
Tgt Ion: 96 Resp: 47715
Ion Ratio Lower Upper
96 100
61 157.8 105.8 158.6
98 63.2 52.0 78.0

Manual Integrations
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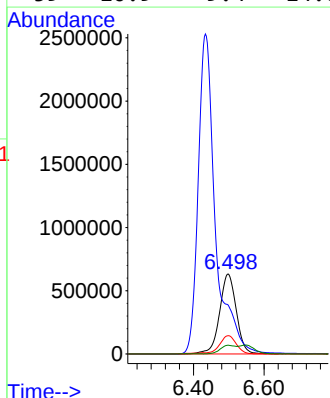
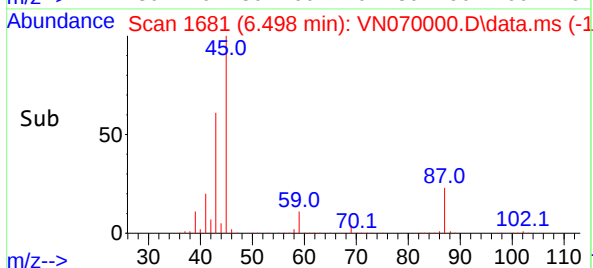
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

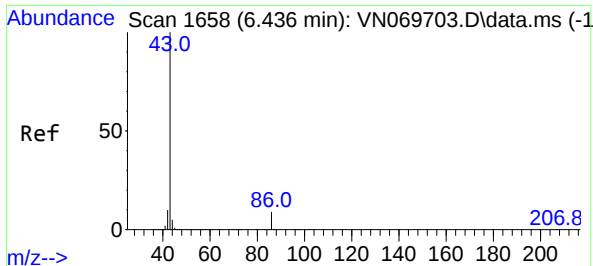


#22
Diisopropyl ether
Concen: 52.322 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



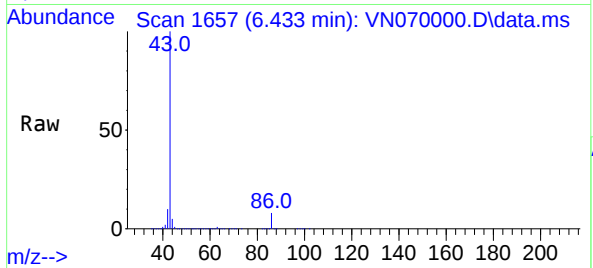
Tgt Ion: 45 Resp: 2088435
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 22.8 23.2 34.8#
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 264.363 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070000.D
 Acq: 11 Dec 2021 11:07

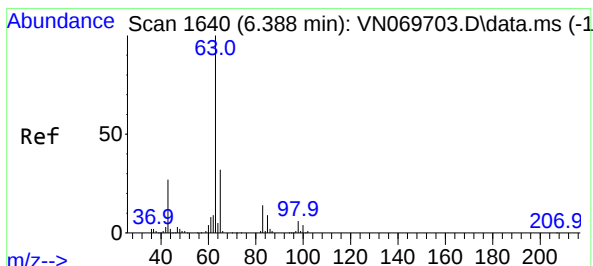
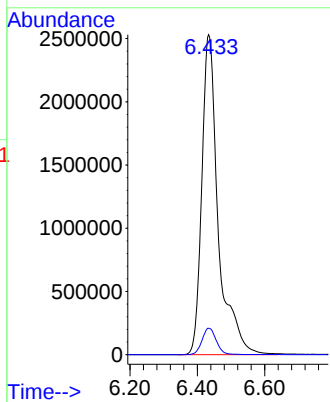
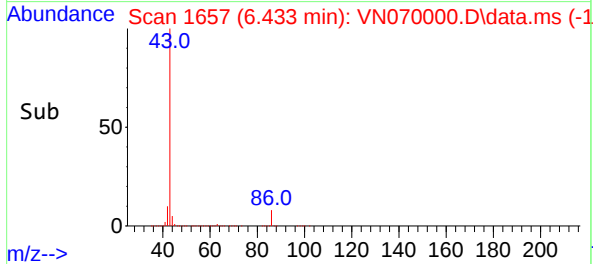
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



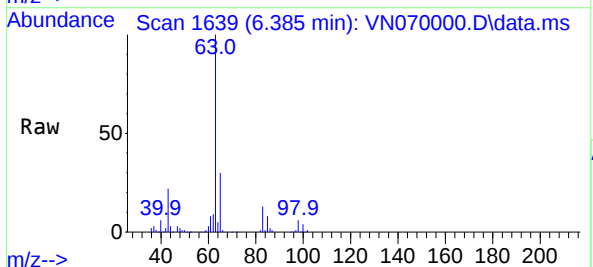
Tgt Ion: 43 Resp: 8584790
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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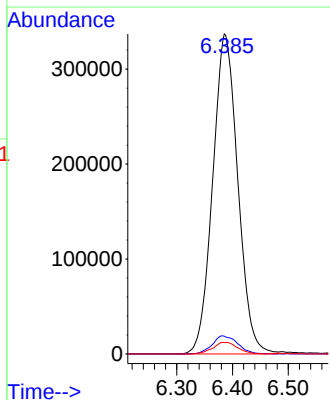
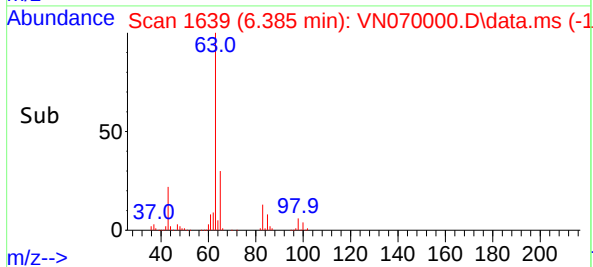
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021

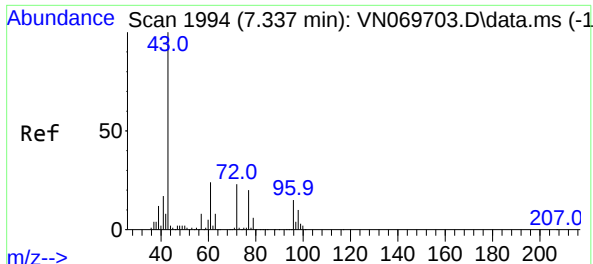


#24
 1,1-Dichloroethane
 Concen: 50.985 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070000.D
 Acq: 11 Dec 2021 11:07



Tgt Ion: 63 Resp: 1054189
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.6 2.1 6.5





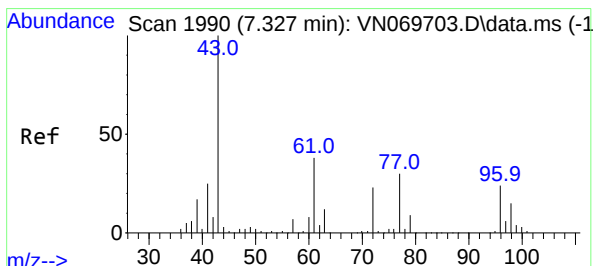
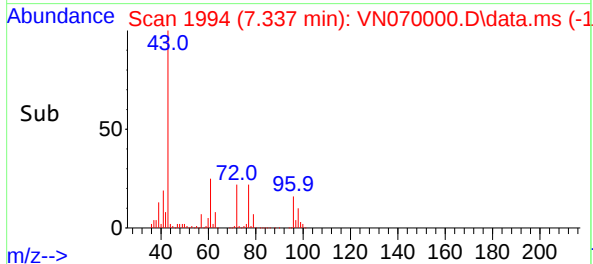
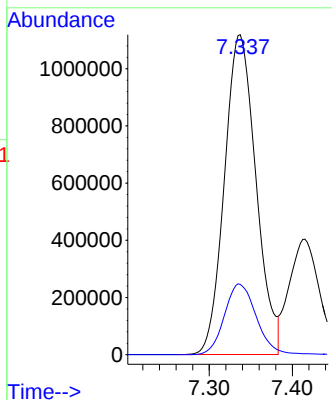
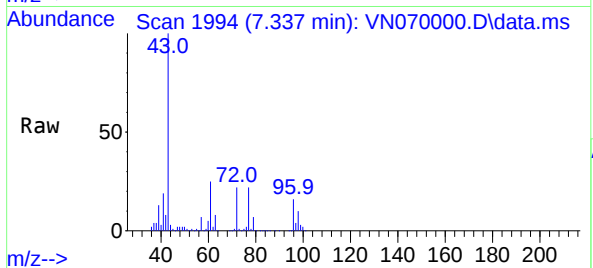
#25
2-Butanone
Concen: 246.164 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2955590
Ion Ratio Lower Upper
43 100
72 22.0 21.7 32.5

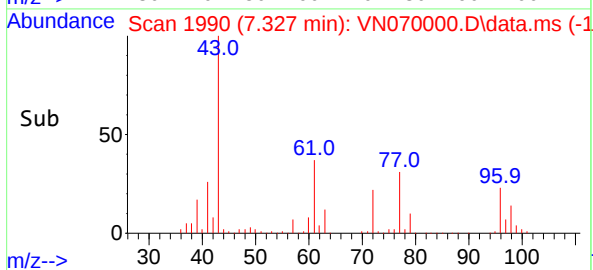
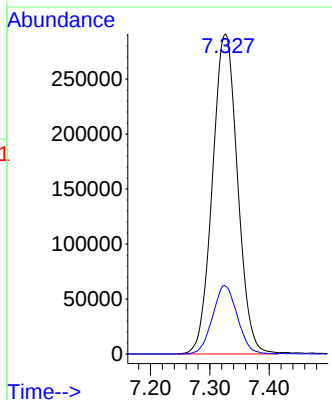
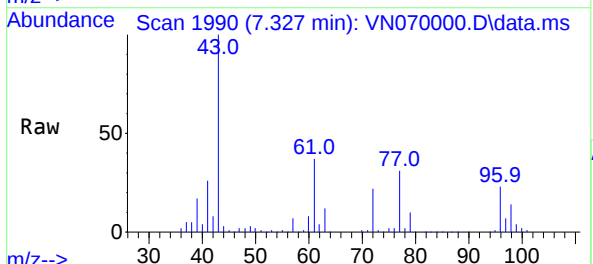
Manual Integrations
APPROVED

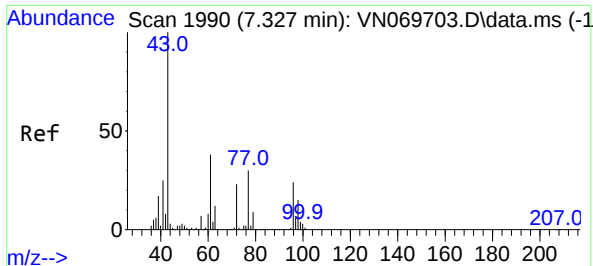
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 53.322 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Tgt Ion: 77 Resp: 857227
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





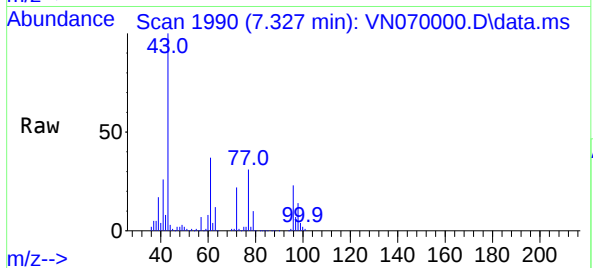
#27
cis-1,2-Dichloroethene
Concen: 49.165 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

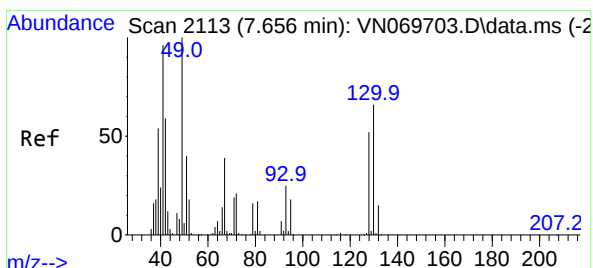
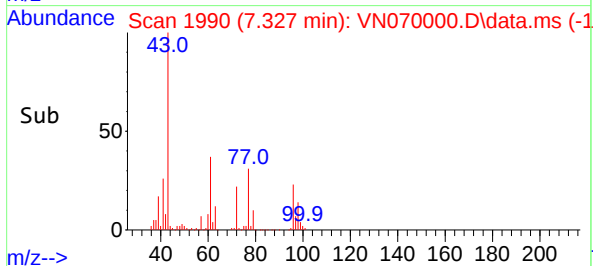
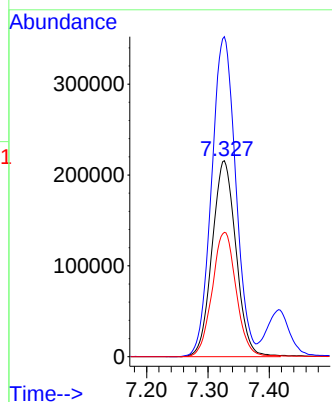


Tgt Ion: 96 Resp: 58470
Ion Ratio Lower Upper
96 100
61 164.7 0.0 275.0
98 63.6 0.0 129.6

Manual Integrations

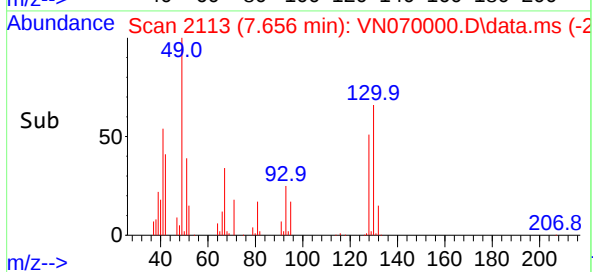
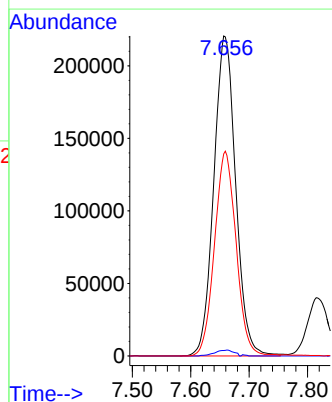
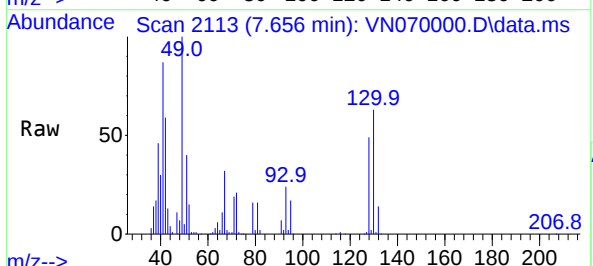
APPROVED

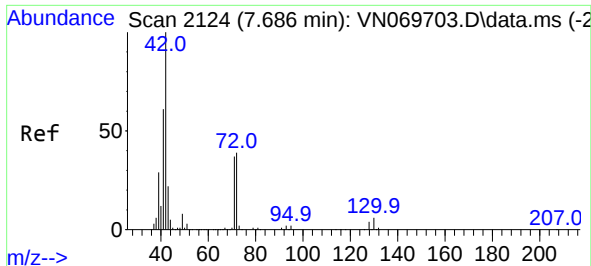
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#28
Bromochloromethane
Concen: 53.522 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

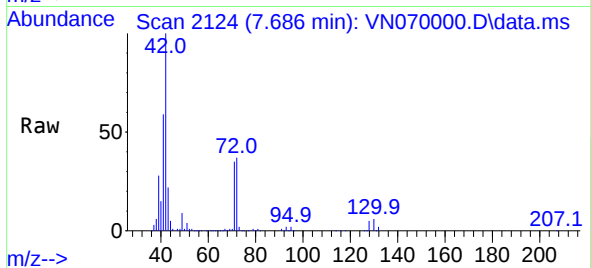
Tgt Ion: 49 Resp: 575475
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 63.0 67.8 101.8#





#29
Tetrahydrofuran
Concen: 237.520 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

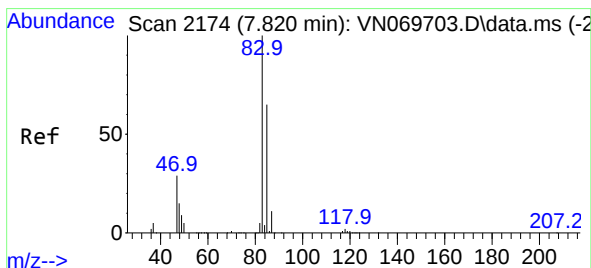
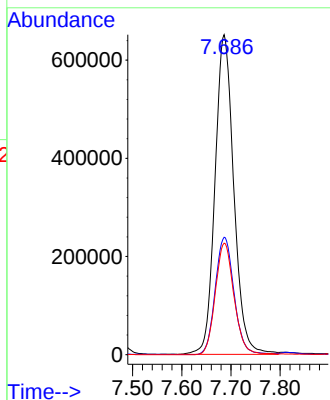
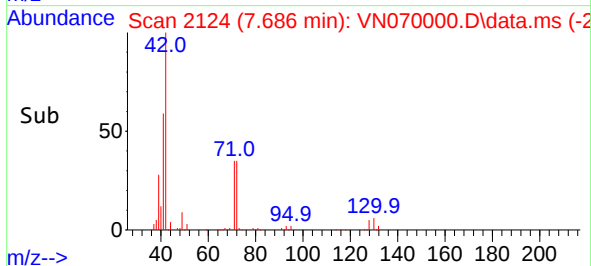
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



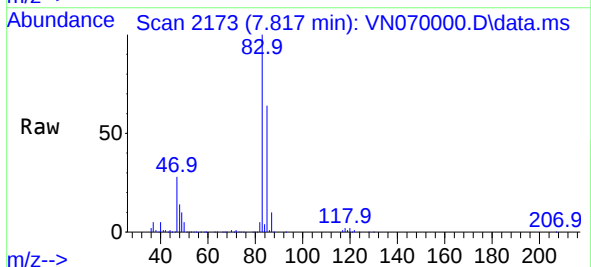
Tgt Ion: 42 Resp: 1731684
Ion Ratio Lower Upper
42 100
72 36.6 36.3 54.5
71 34.8 34.7 52.1

Manual Integrations
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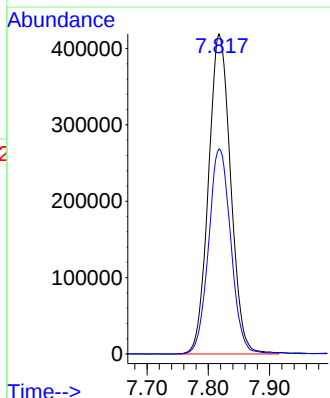
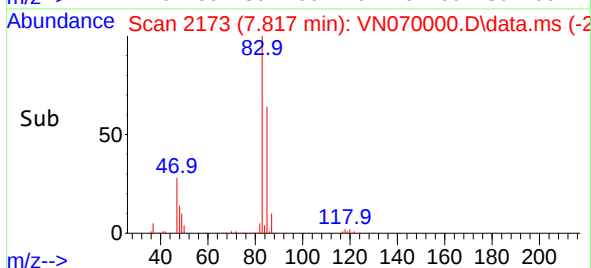
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

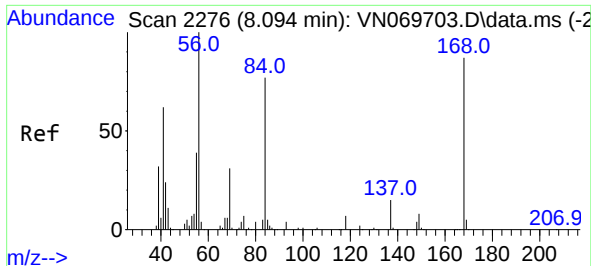


#30
Chloroform
Concen: 50.509 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



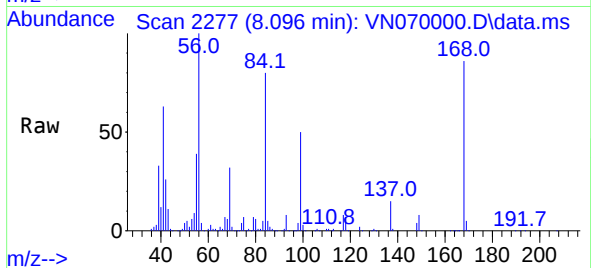
Tgt Ion: 83 Resp: 1054722
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 47.684 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

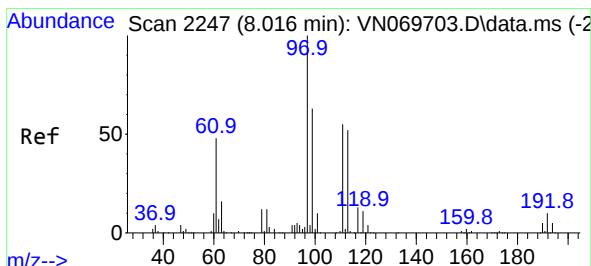
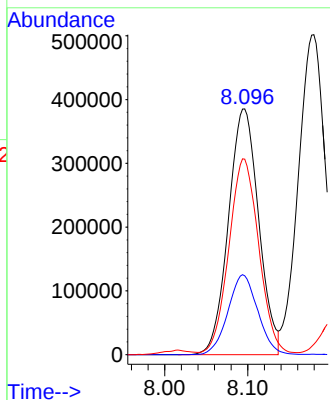
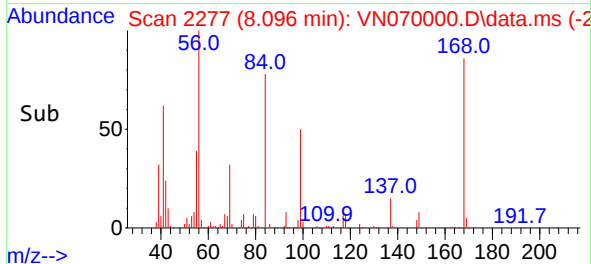
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



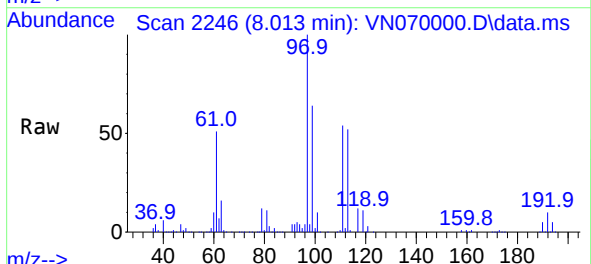
Tgt Ion: 56 Resp: 97482
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 77.6 73.4 110.0

Manual Integrations
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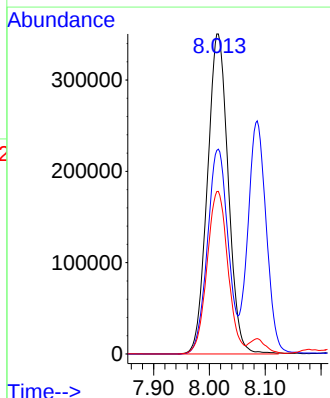
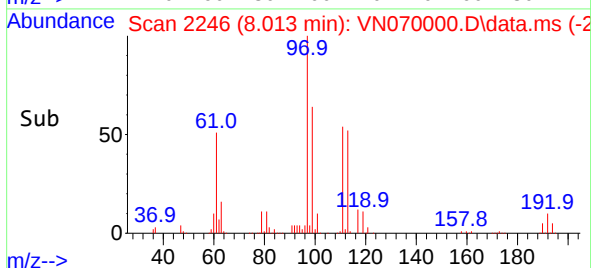
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

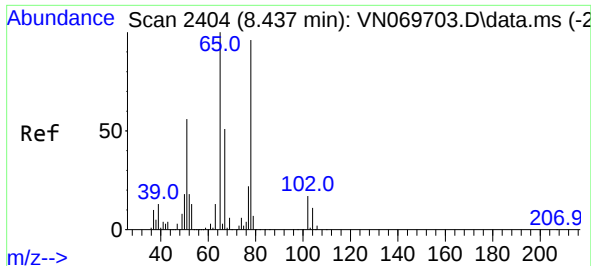


#32
1,1,1-Trichloroethane
Concen: 51.128 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion: 97 Resp: 909431
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 50.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.481 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070000.D

Acq: 11 Dec 2021 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 75625

Ion Ratio Lower Upper

65 100

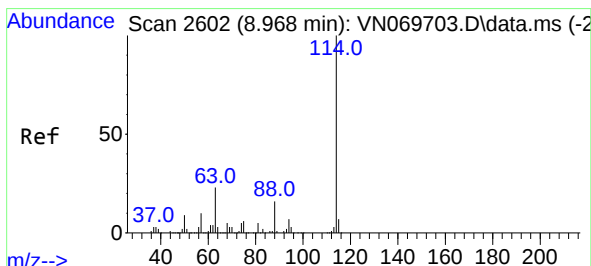
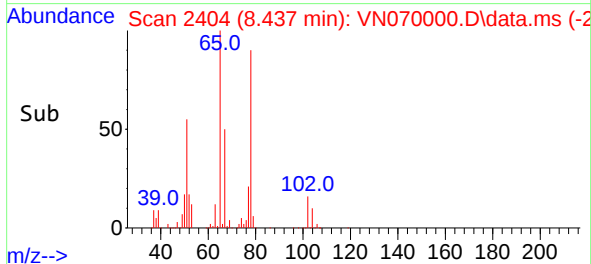
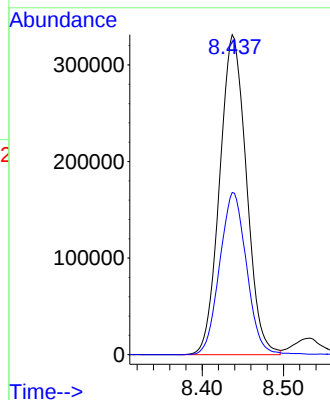
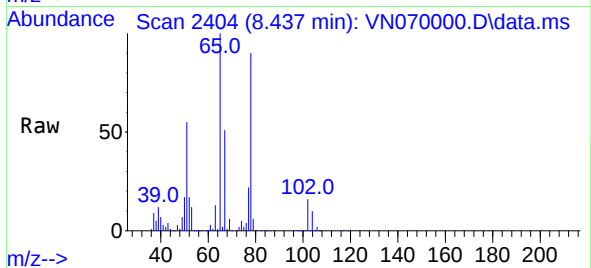
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070000.D

Acq: 11 Dec 2021 11:07

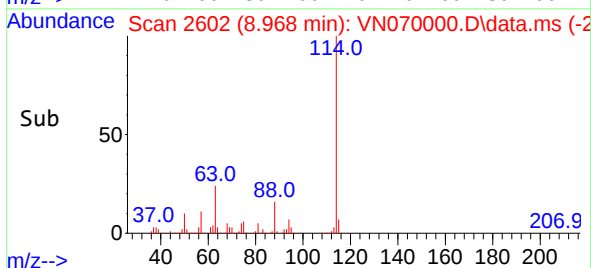
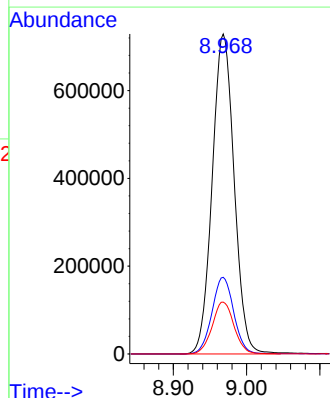
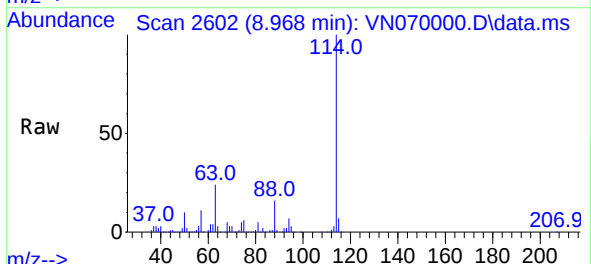
Tgt Ion:114 Resp: 1514779

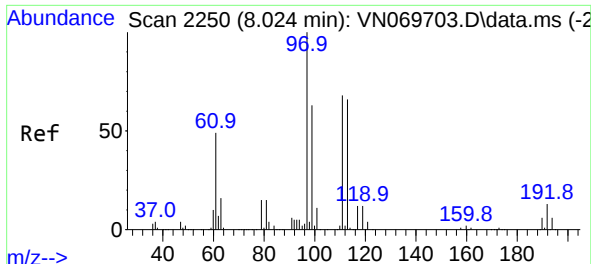
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

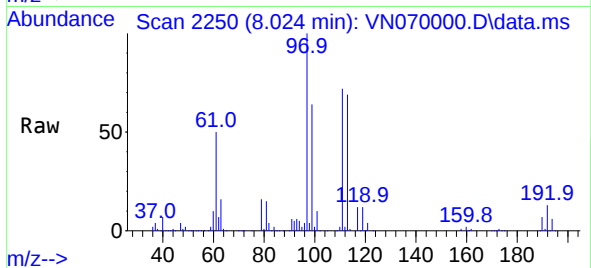
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.982 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

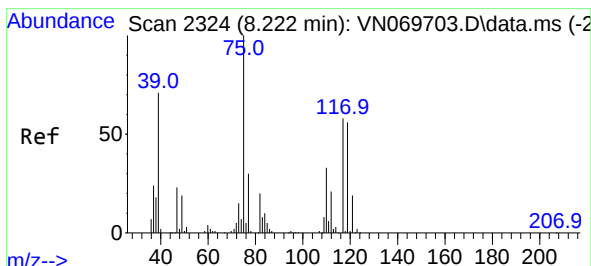
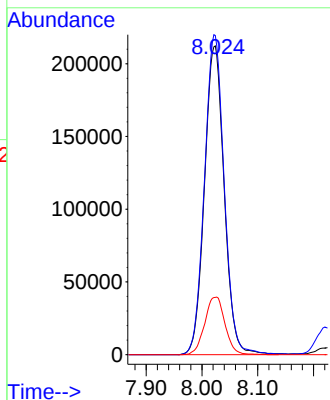
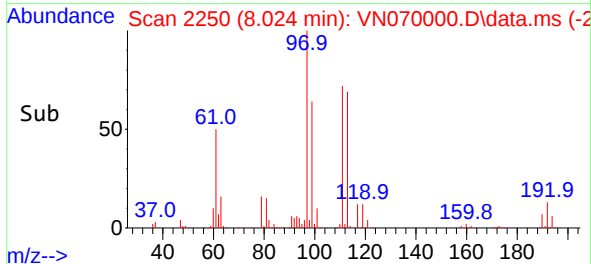
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



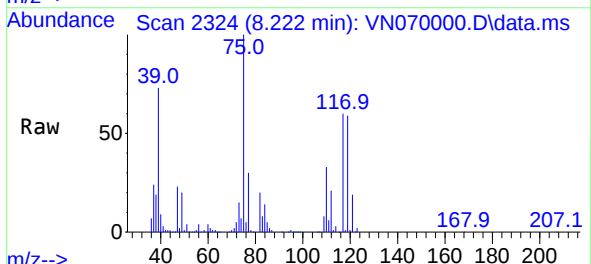
Tgt Ion:113 Resp: 52168
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.2 16.9 25.3

Manual Integrations
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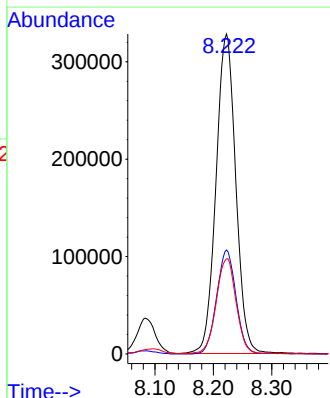
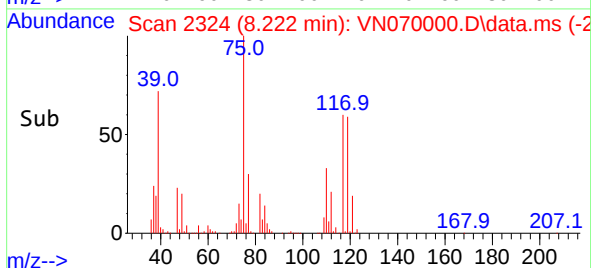
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

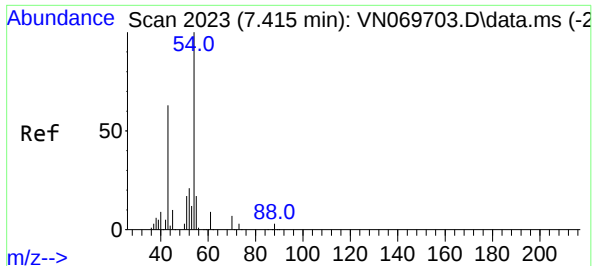


#36
1,1-Dichloropropene
Concen: 53.500 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



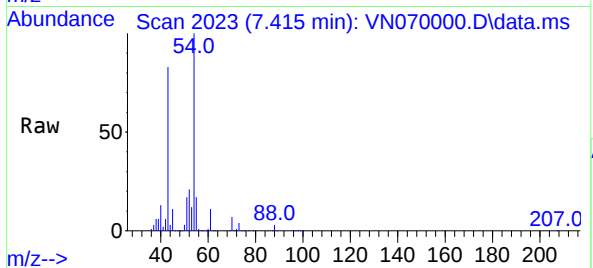
Tgt Ion: 75 Resp: 771487
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 29.8 24.4 36.6





#37
Ethyl Acetate
Concen: 49.623 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

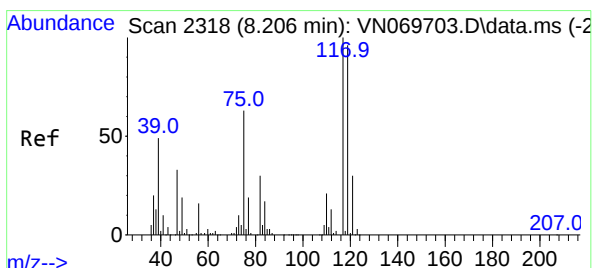
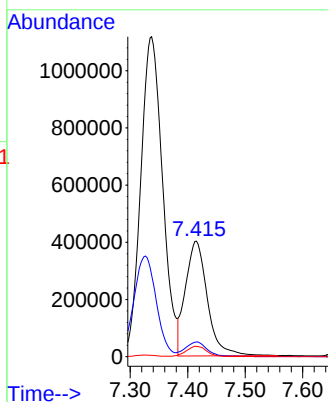
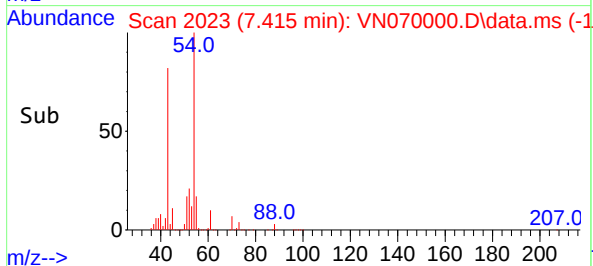
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1065036
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.4 7.9 11.9

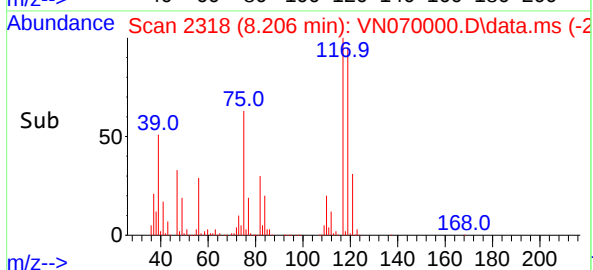
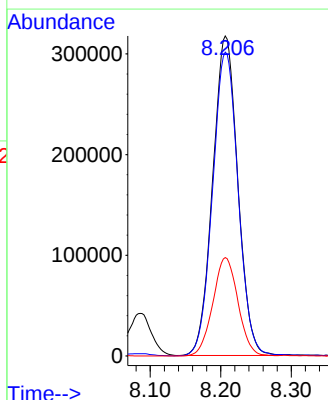
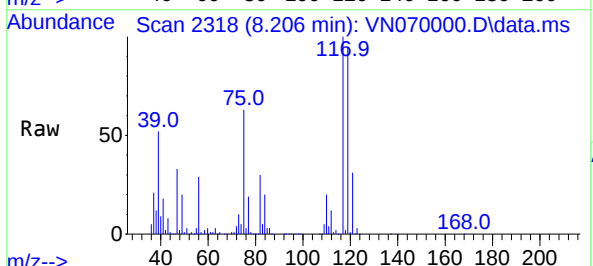
Manual Integrations
APPROVED

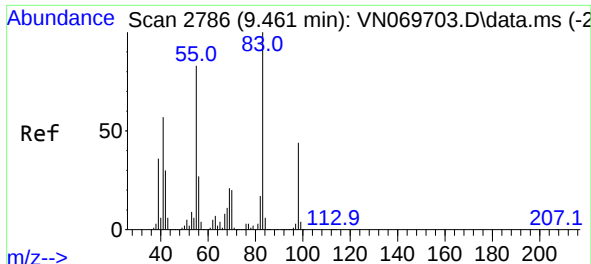
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 55.521 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

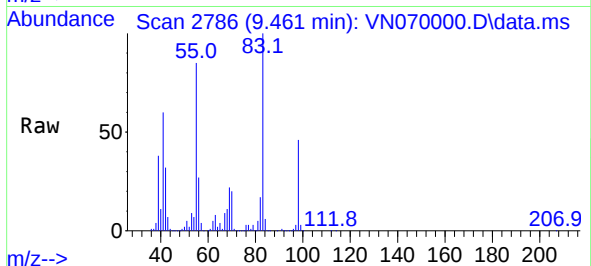
Tgt Ion:117 Resp: 785117
Ion Ratio Lower Upper
117 100
119 95.0 76.1 114.1
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 52.740 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

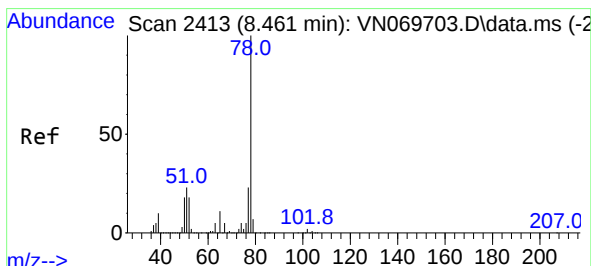
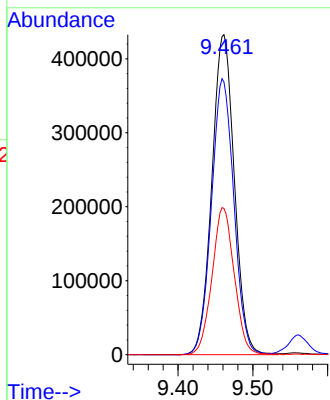
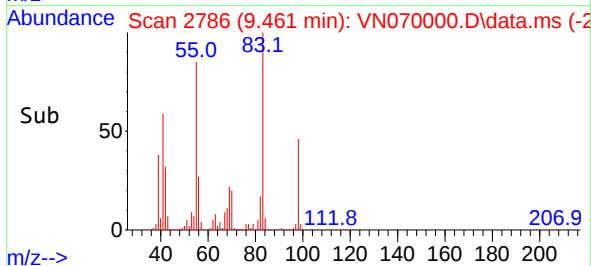
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



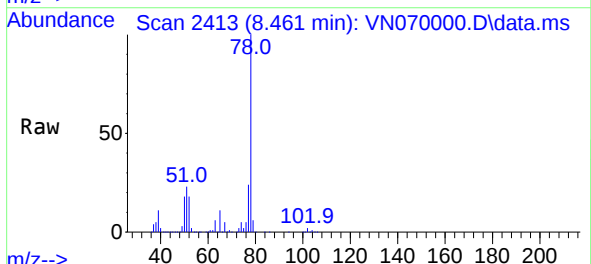
Tgt Ion: 83 Resp: 904624
Ion Ratio Lower Upper
83 100
55 85.2 58.1 87.1
98 45.7 38.4 57.6

Manual Integrations
APPROVED

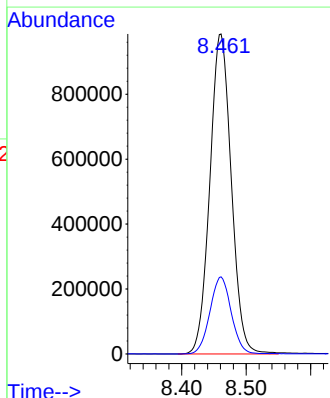
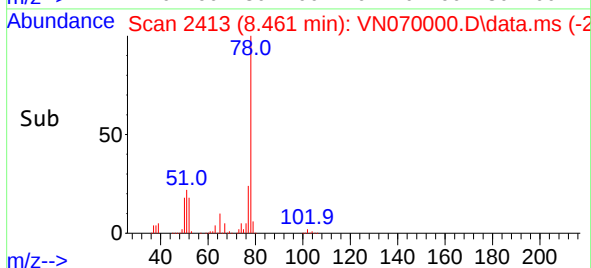
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

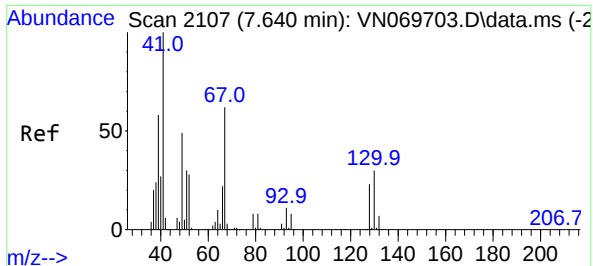


#40
Benzene
Concen: 51.686 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



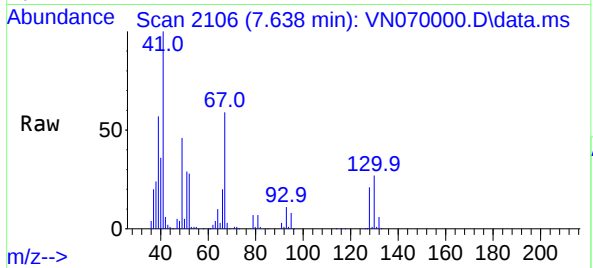
Tgt Ion: 78 Resp: 2278191
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 51.592 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

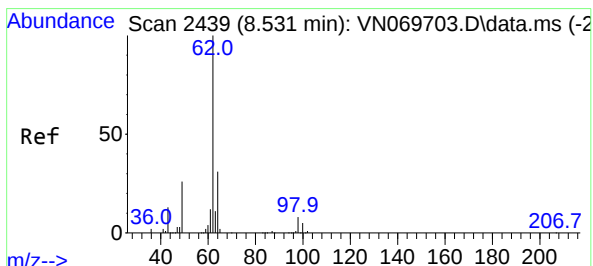
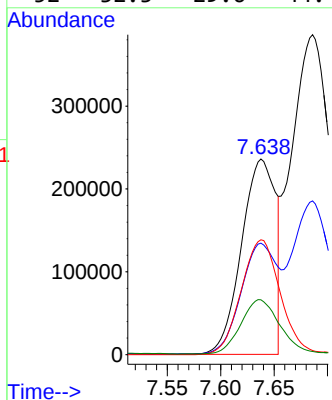
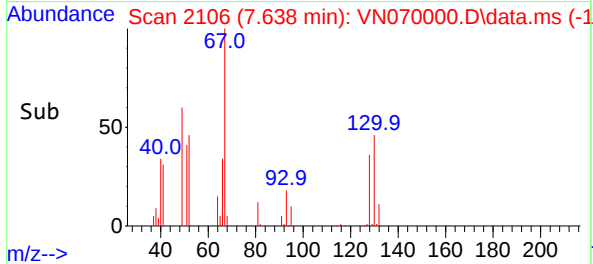
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



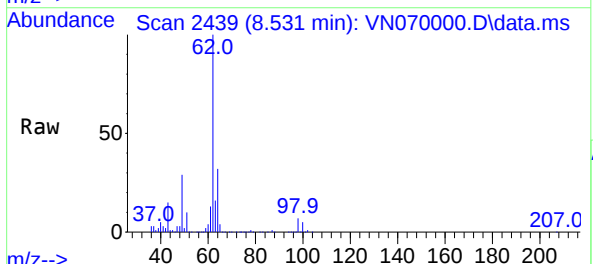
Tgt Ion: 41 Resp: 519804
Ion Ratio Lower Upper
41 100
39 60.5 48.1 72.1
67 69.0 68.3 102.5
52 32.3 29.6 44.4

Manual Integrations
APPROVED

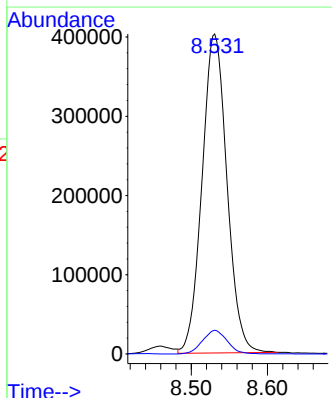
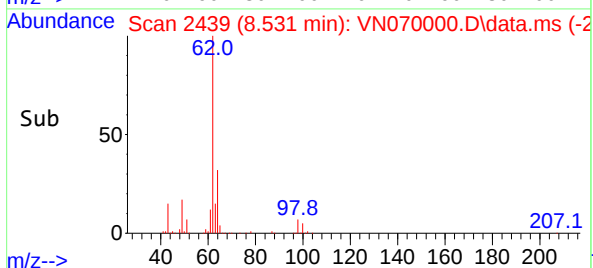
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

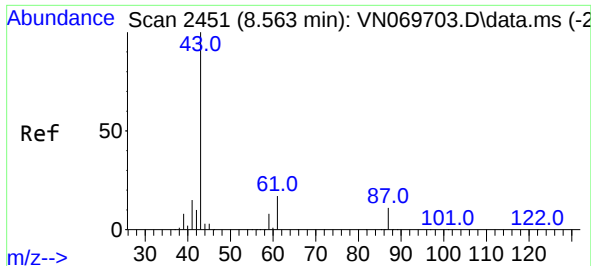


#42
1,2-Dichloroethane
Concen: 51.362 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion: 62 Resp: 913878
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





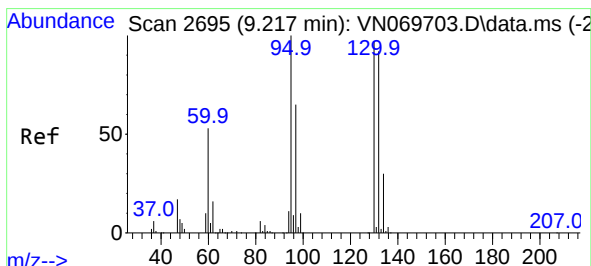
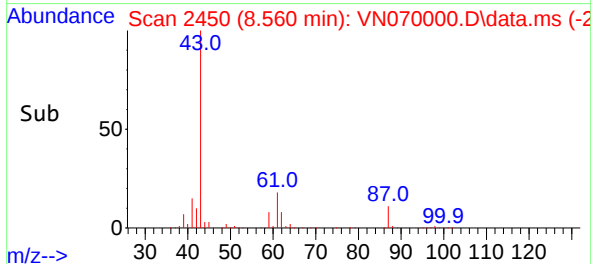
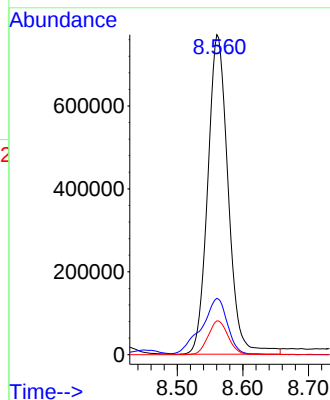
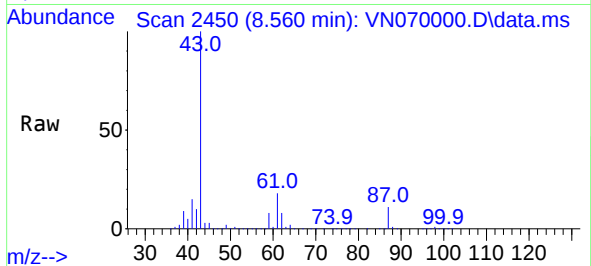
#43
Isopropyl Acetate
Concen: 52.530 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1668429
Ion Ratio Lower Upper
43 100
61 22.1 20.4 30.6
87 10.4 11.2 16.8

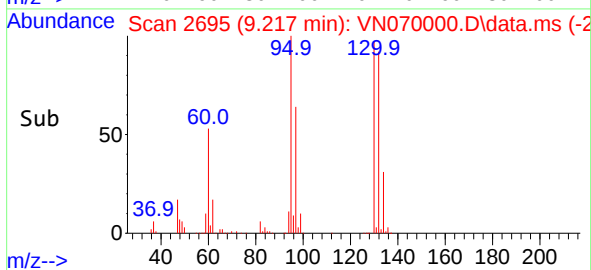
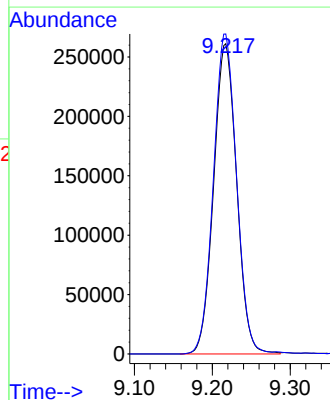
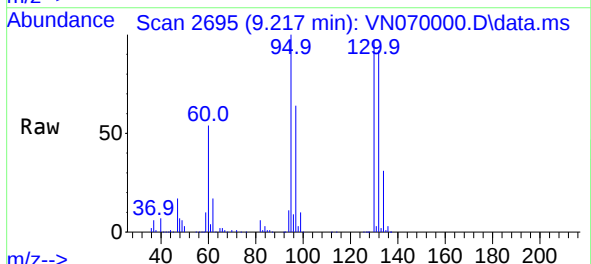
Manual Integrations
APPROVED

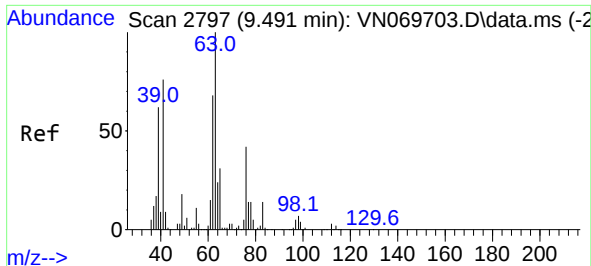
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 50.904 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

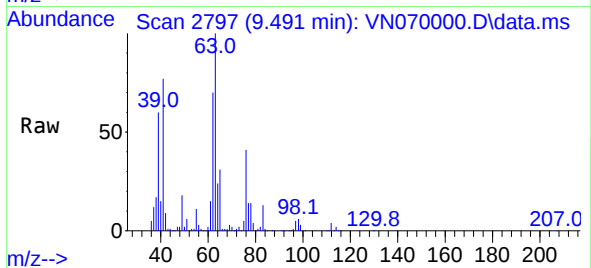
Tgt Ion:130 Resp: 535527
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 53.165 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

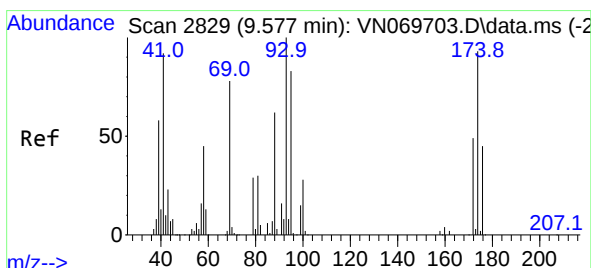
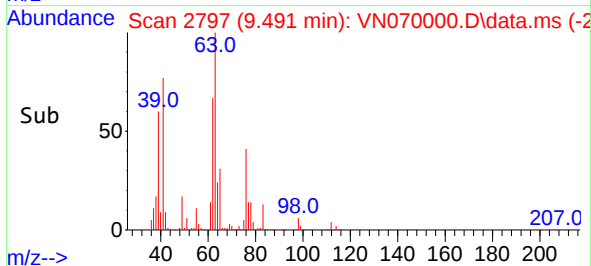
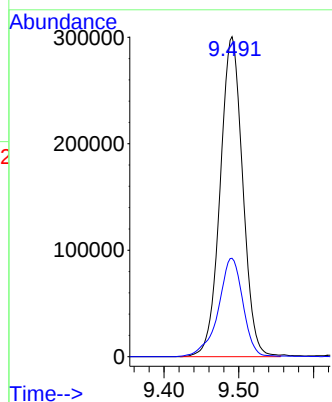
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 62927
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

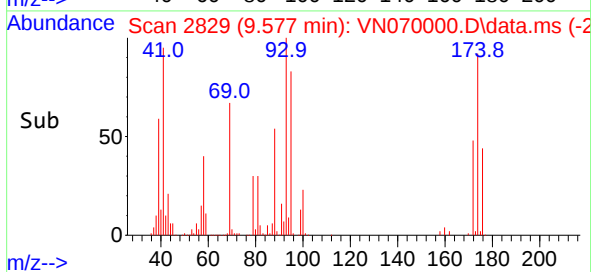
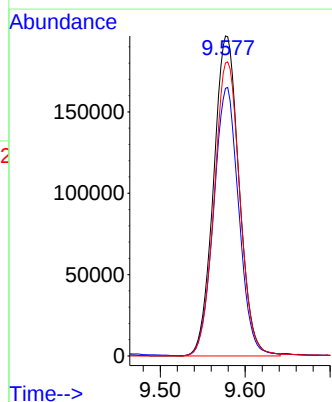
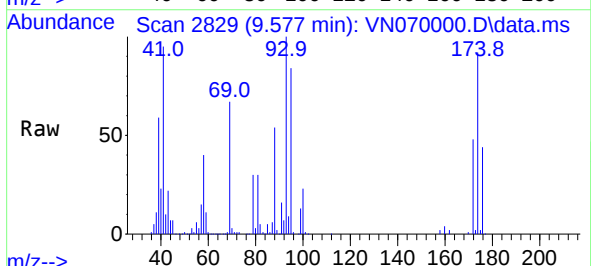
Manual Integrations
APPROVED

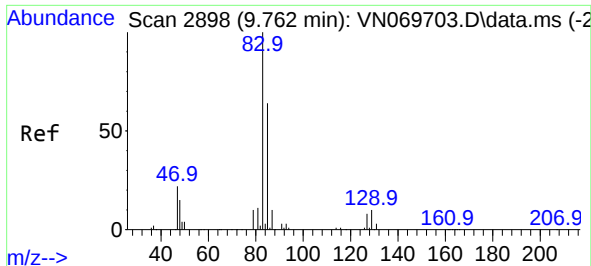
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#46
Dibromomethane
Concen: 52.938 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

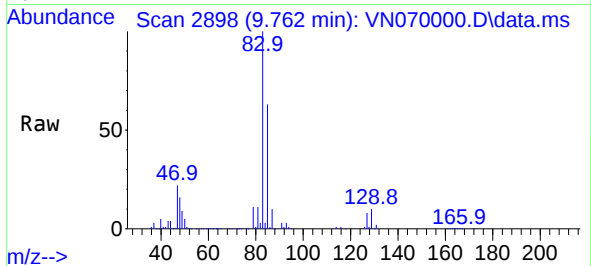
Tgt Ion: 93 Resp: 410940
Ion Ratio Lower Upper
93 100
95 82.4 65.9 98.9
174 92.2 84.6 127.0





#47
Bromodichloromethane
Concen: 59.300 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

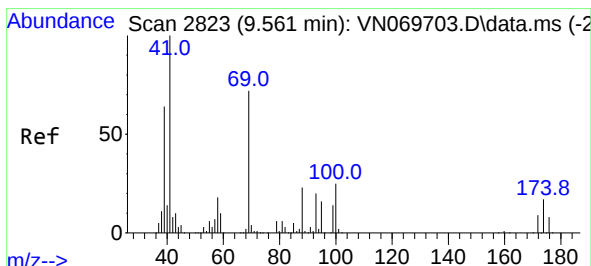
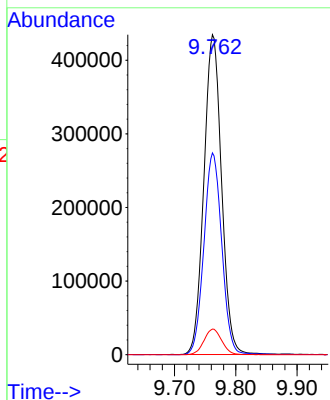
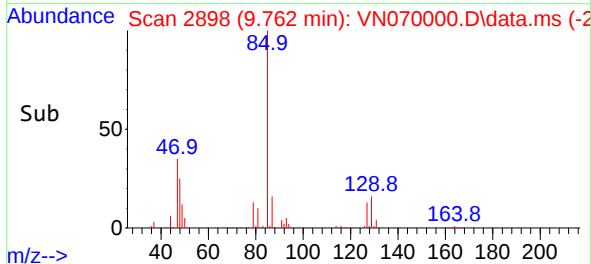
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



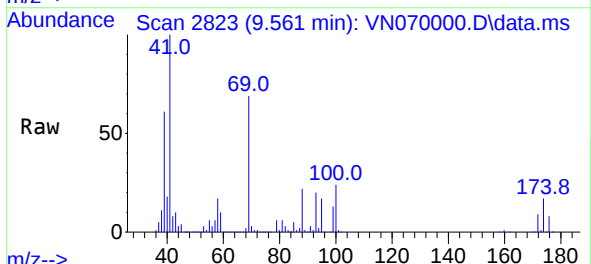
Tgt Ion: 83 Resp: 871559
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
APPROVED

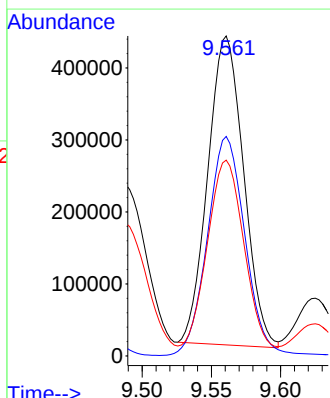
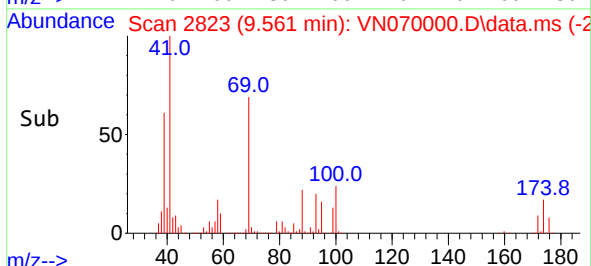
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

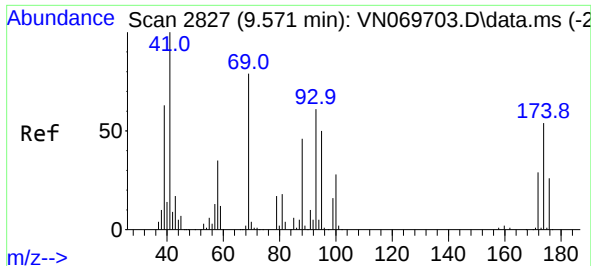


#48
Methyl methacrylate
Concen: 52.092 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



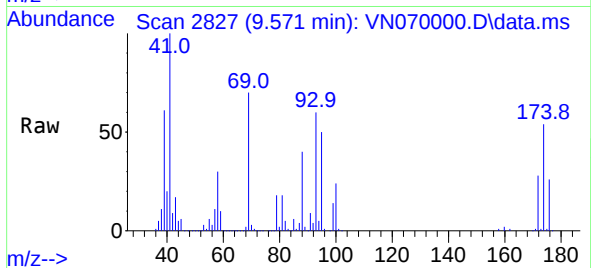
Tgt Ion: 41 Resp: 772119
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 66.7 58.4 87.6





#49
1,4-Dioxane
Concen: 963.874 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

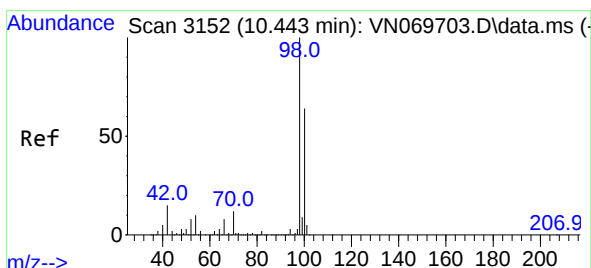
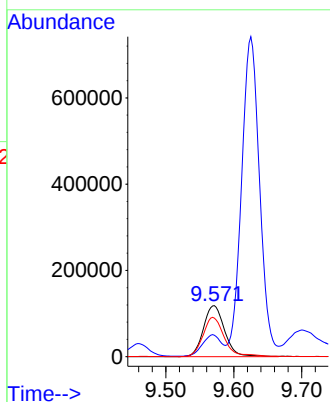
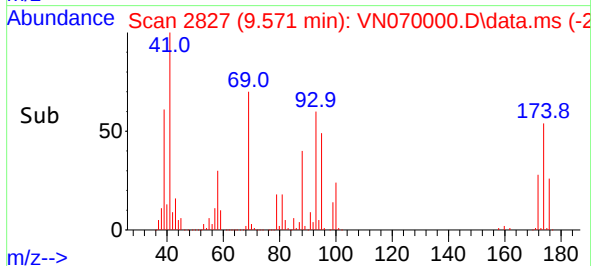
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



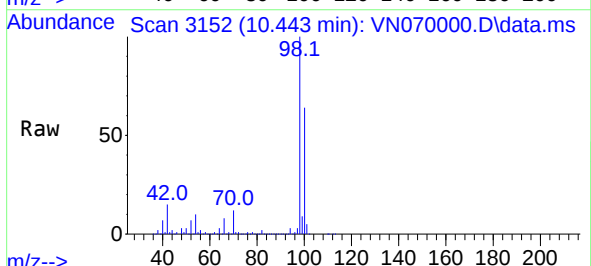
Tgt Ion: 88 Resp: 256348
Ion Ratio Lower Upper
88 100
43 37.4 23.4 35.2
58 78.6 50.6 75.8

Manual Integrations
APPROVED

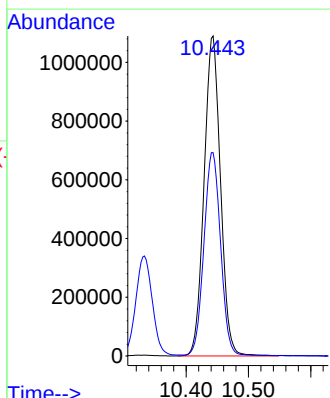
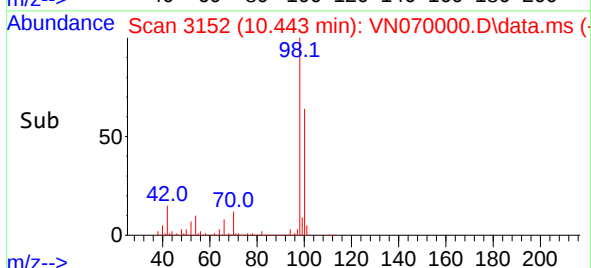
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

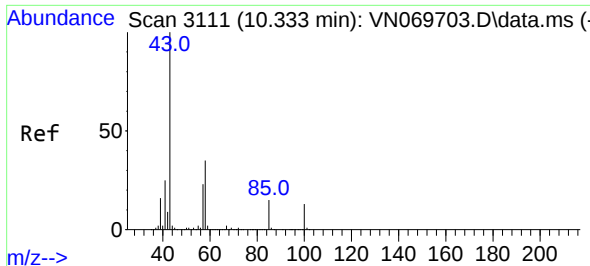


#50
Toluene-d8
Concen: 52.472 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion: 98 Resp: 1999113
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6





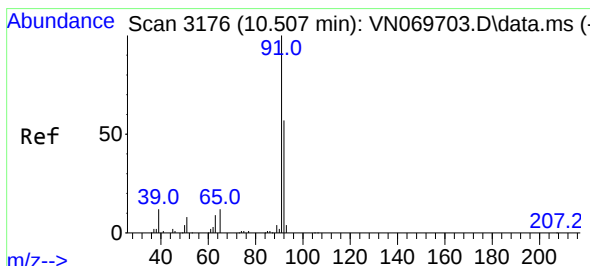
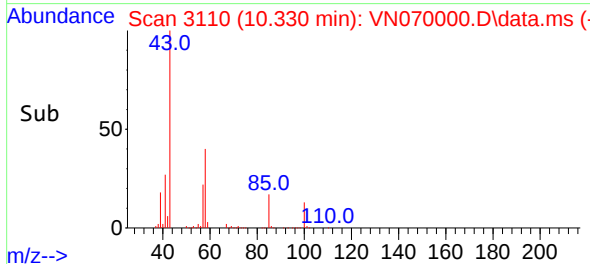
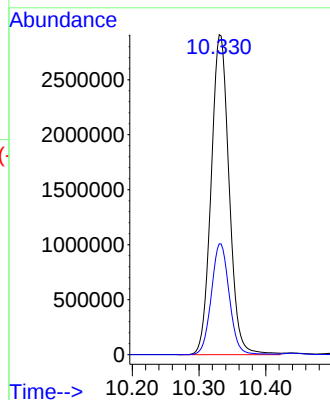
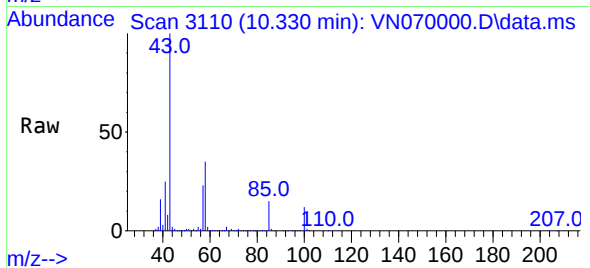
#51
4-Methyl-2-Pentanone
Concen: 264.141 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 544247
Ion Ratio Lower Upper
43 100
58 34.6 30.4 45.6

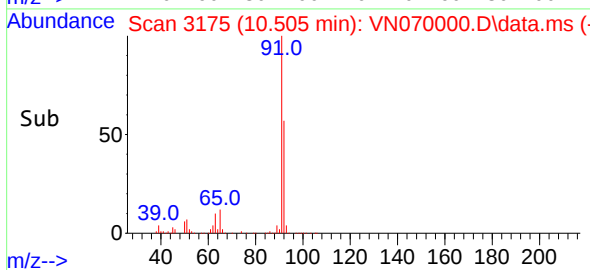
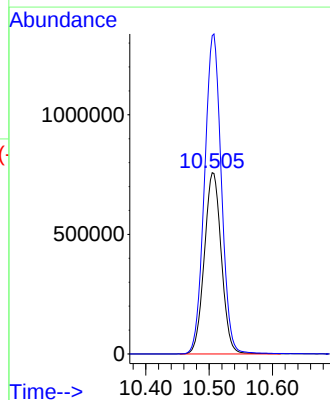
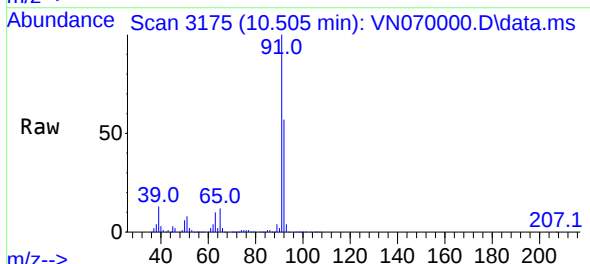
Manual Integrations
APPROVED

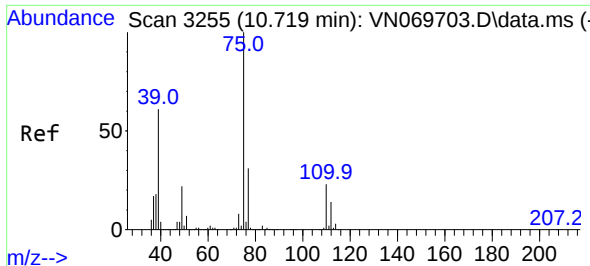
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 52.396 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Tgt Ion: 92 Resp: 1409958
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





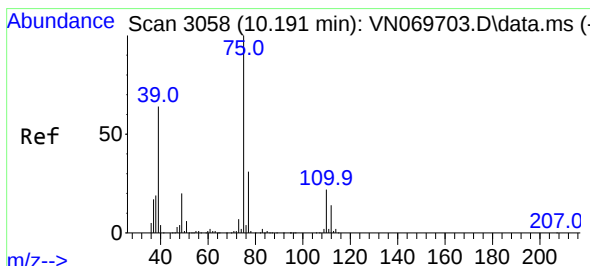
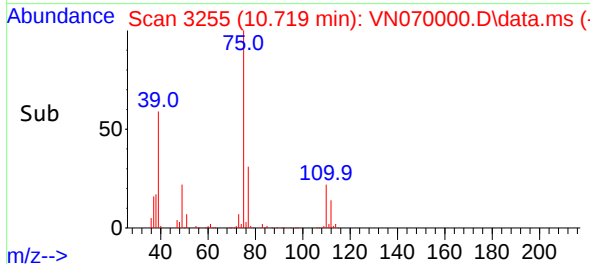
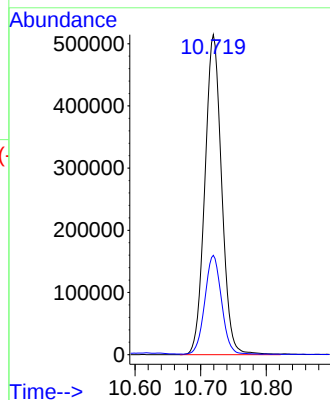
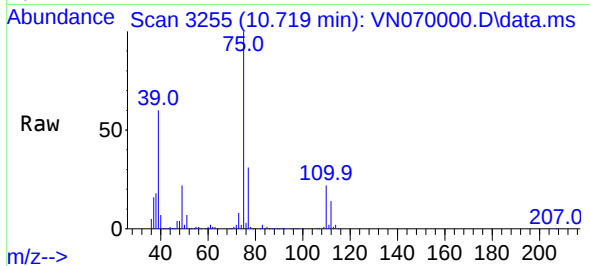
#53
t-1,3-Dichloropropene
Concen: 51.642 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 914748
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

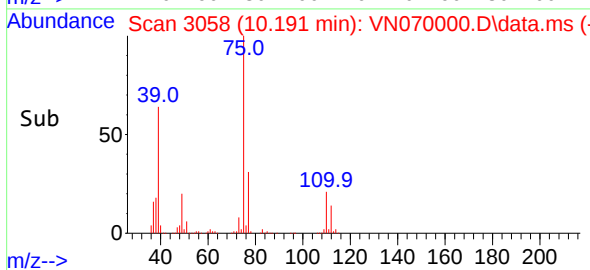
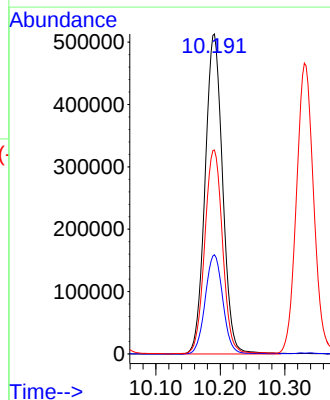
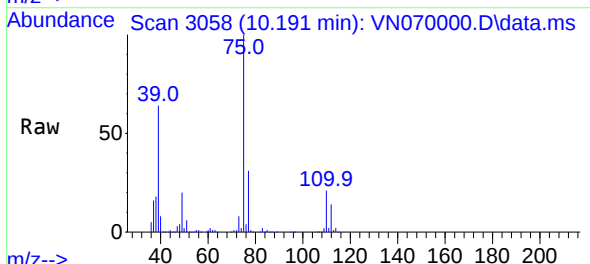
Manual Integrations
APPROVED

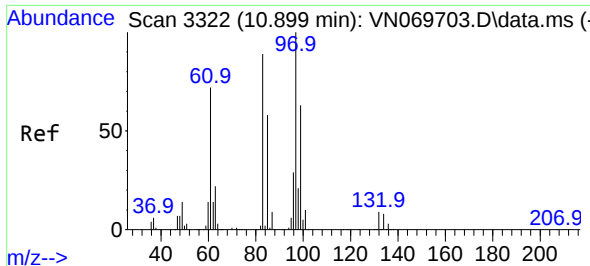
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 52.196 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

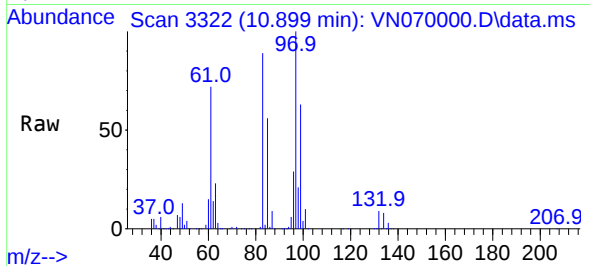
Tgt Ion: 75 Resp: 970186
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 63.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 52.102 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

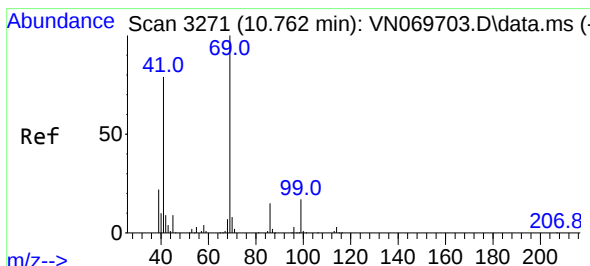
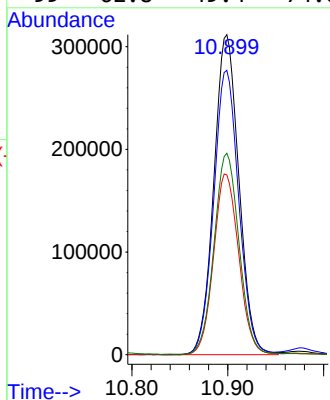
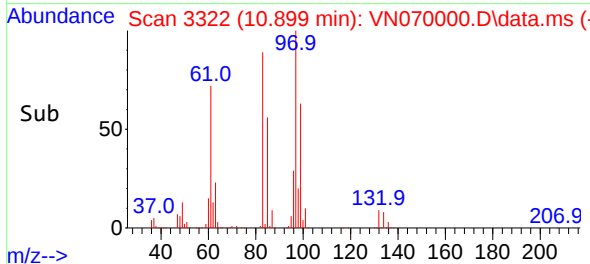
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



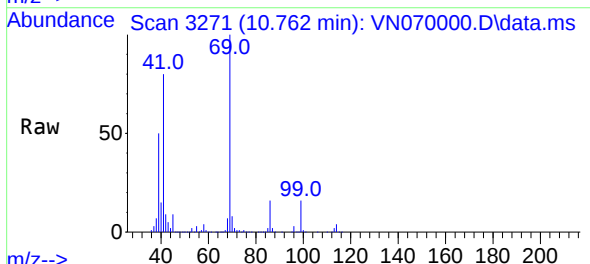
Tgt Ion: 97 Resp: 56569
Ion Ratio Lower Upper
97 100
83 88.9 67.8 101.6
85 56.1 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
APPROVED

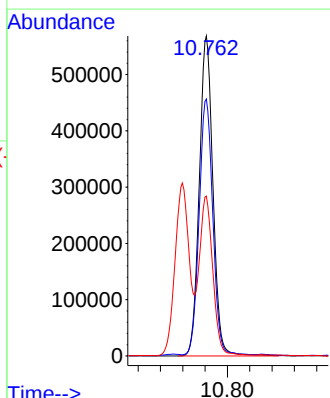
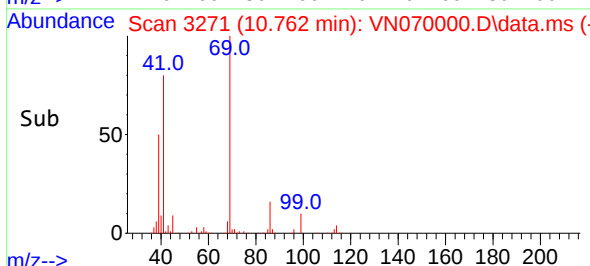
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

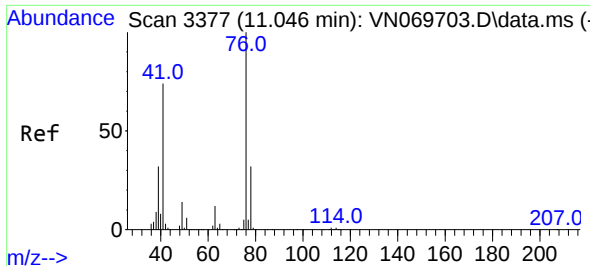


#56
Ethyl methacrylate
Concen: 47.391 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion: 69 Resp: 968326
Ion Ratio Lower Upper
69 100
41 79.8 51.4 77.0#
39 49.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.410 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070000.D

Acq: 11 Dec 2021 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 100197

Ion Ratio Lower Upper

76 100

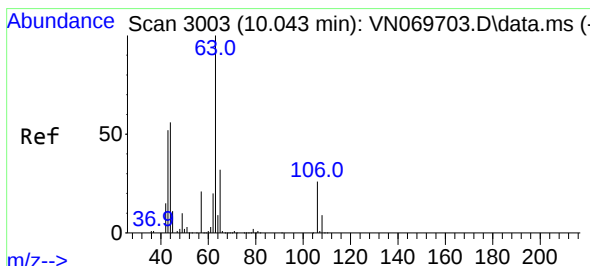
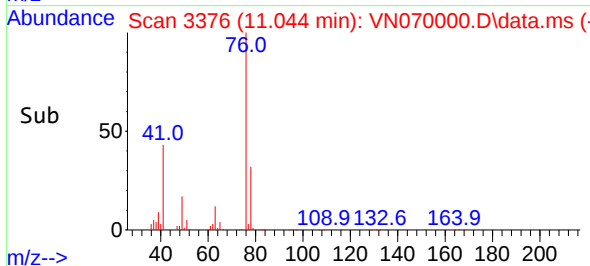
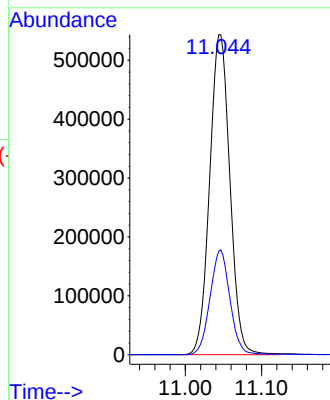
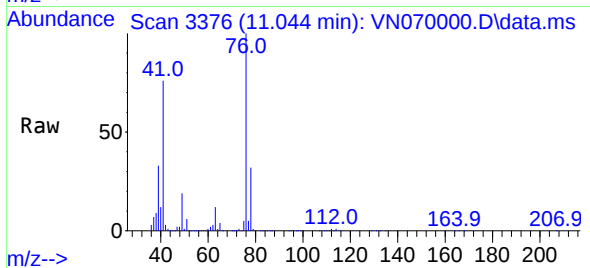
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 233.562 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN070000.D

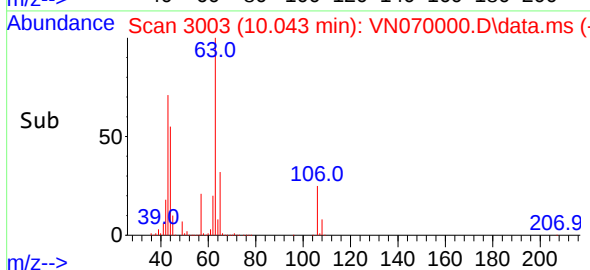
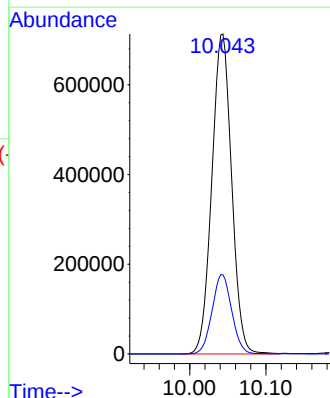
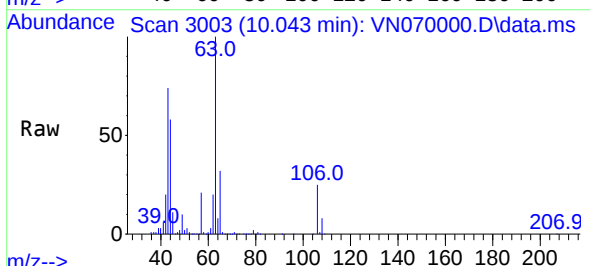
Acq: 11 Dec 2021 11:07

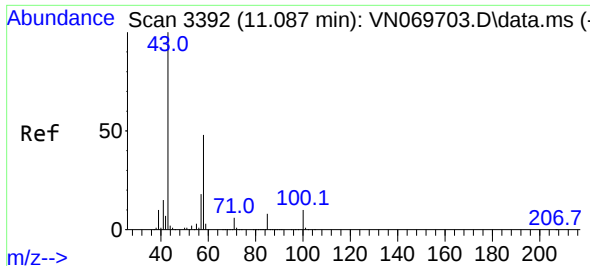
Tgt Ion: 63 Resp: 1284920

Ion Ratio Lower Upper

63 100

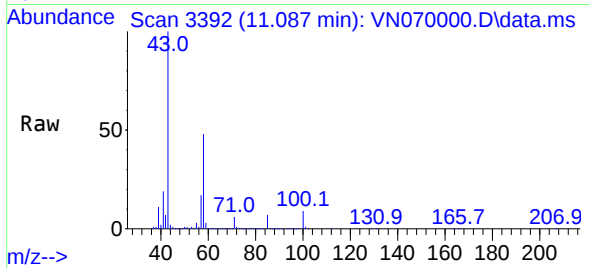
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 265.721 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

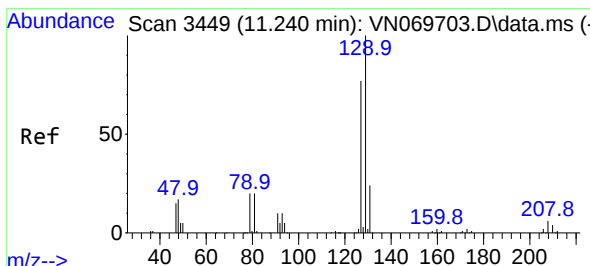
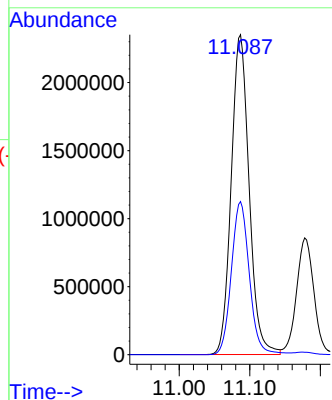
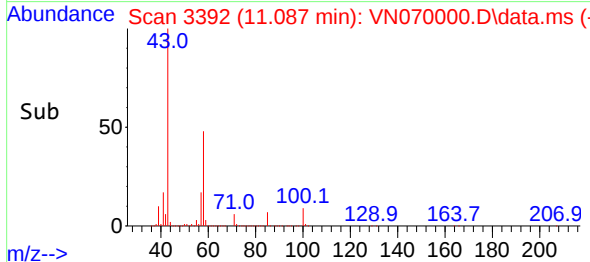
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



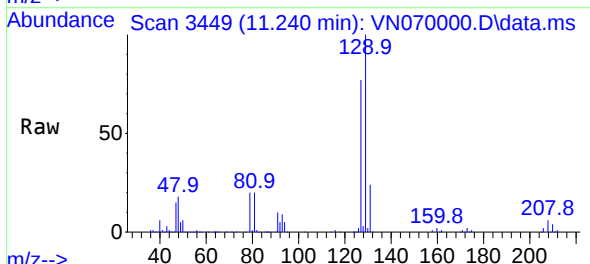
Tgt Ion: 43 Resp: 4141689
Ion Ratio Lower Upper
43 100
58 48.1 26.9 80.7

Manual Integrations
APPROVED

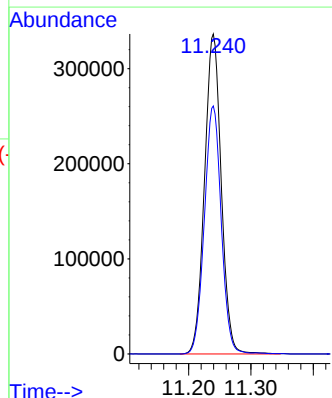
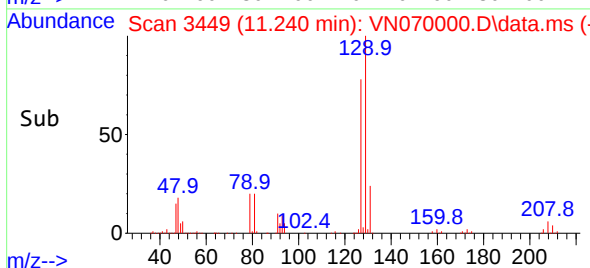
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

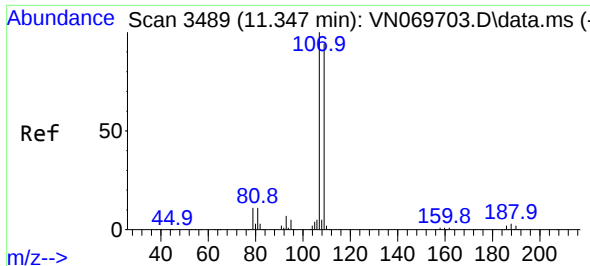


#60
Dibromochloromethane
Concen: 53.696 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



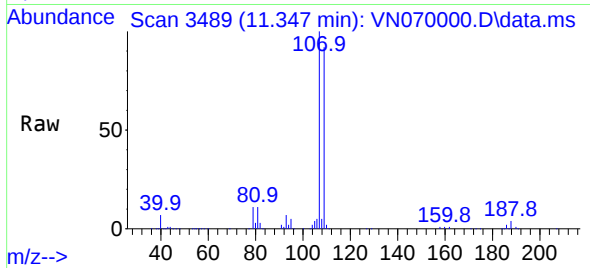
Tgt Ion:129 Resp: 626808
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.957 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

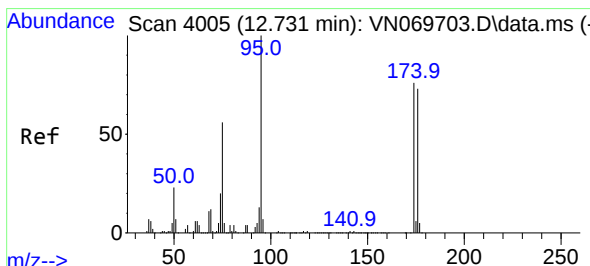
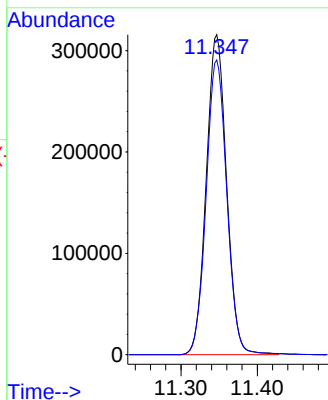
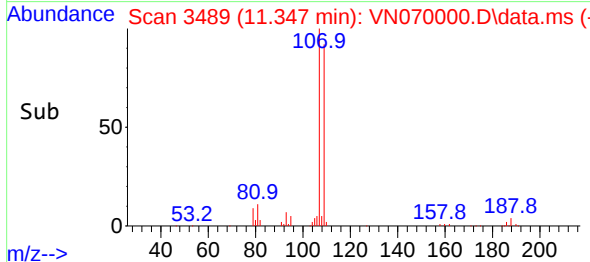
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



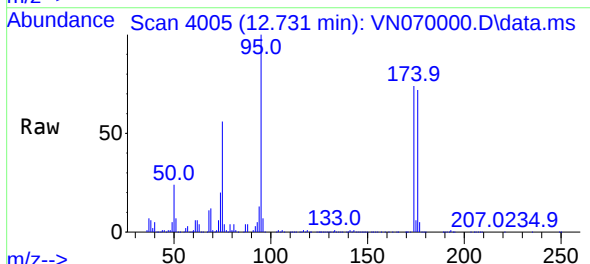
Tgt Ion:107 Resp: 584298
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

Manual Integrations
APPROVED

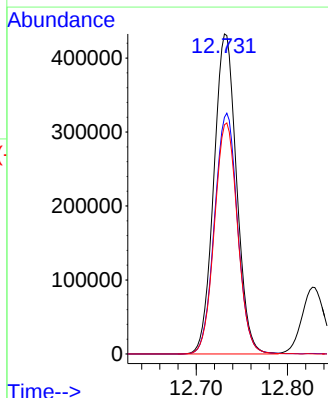
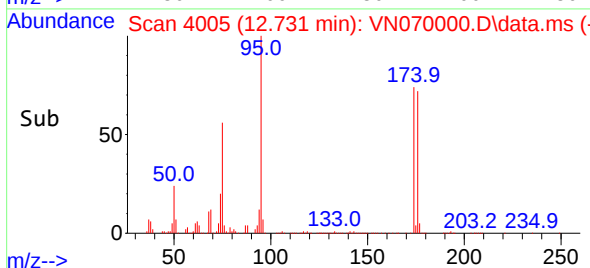
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

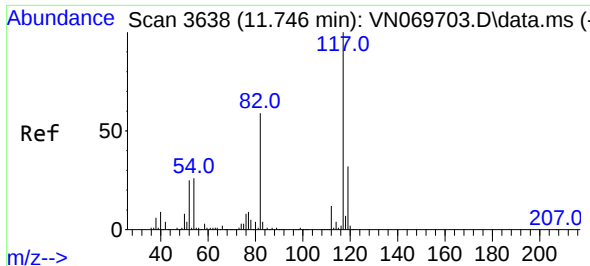


#62
4-Bromofluorobenzene
Concen: 54.322 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



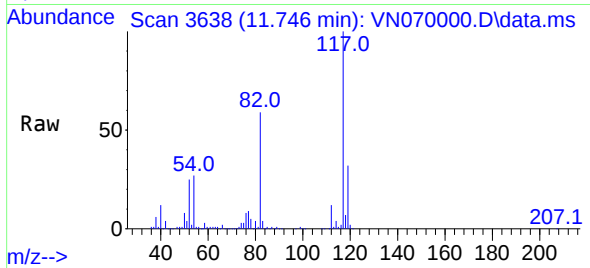
Tgt Ion: 95 Resp: 749772
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

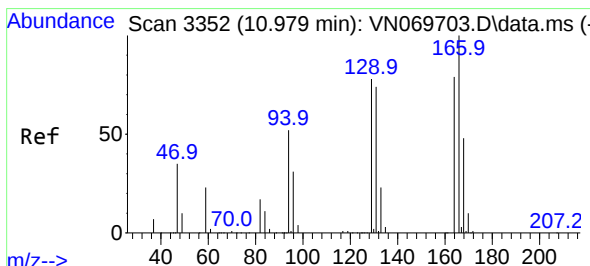
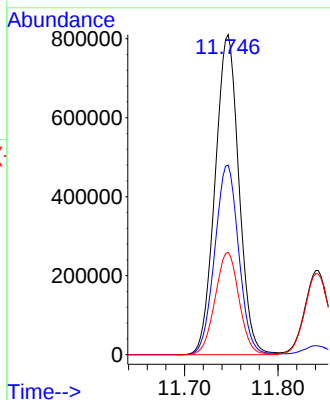
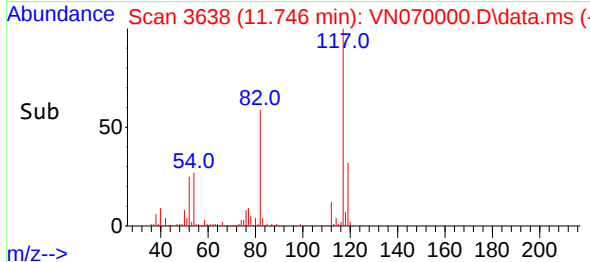
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



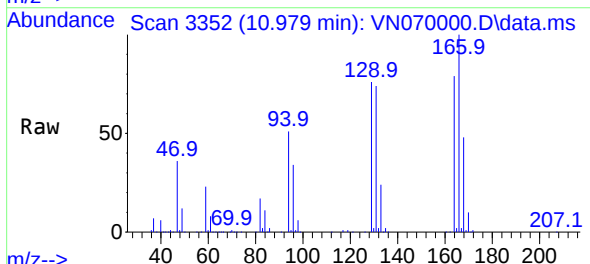
Tgt Ion:117 Resp: 143311
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

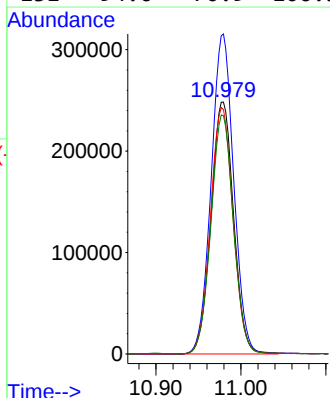
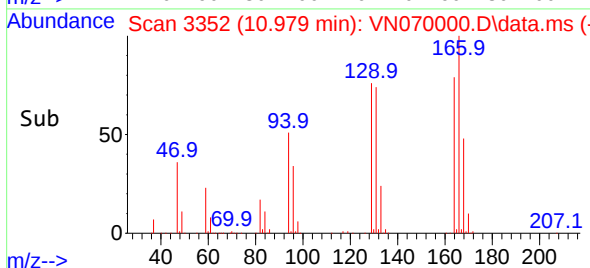
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

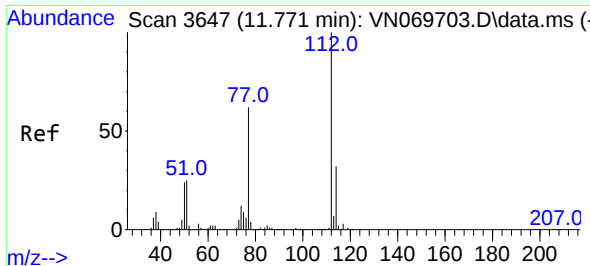


#64
Tetrachloroethene
Concen: 47.200 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



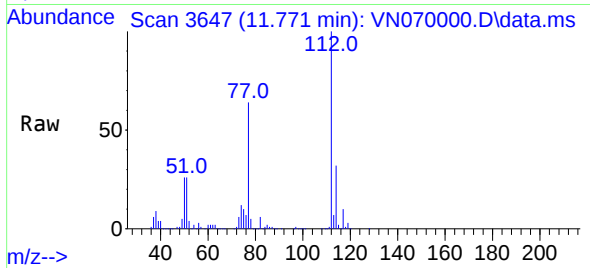
Tgt Ion:164 Resp: 458664
Ion Ratio Lower Upper
164 100
166 127.1 101.9 152.9
129 97.0 72.0 108.0
131 94.6 70.9 106.3





#65
Chlorobenzene
Concen: 51.418 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

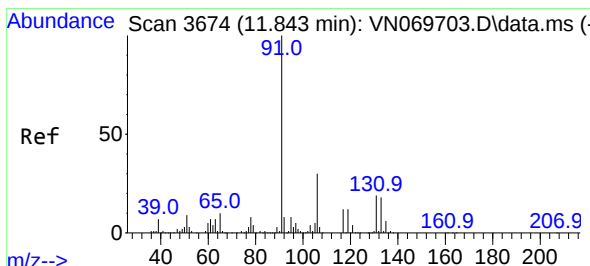
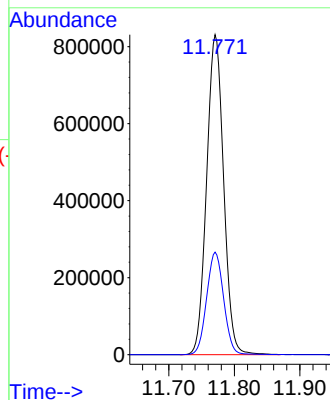
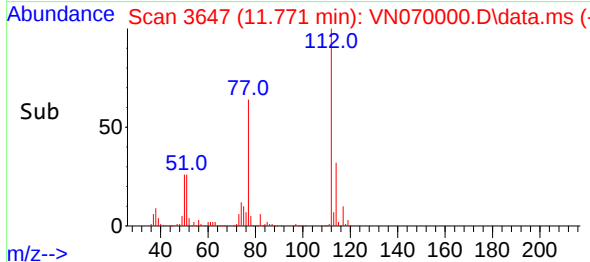
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



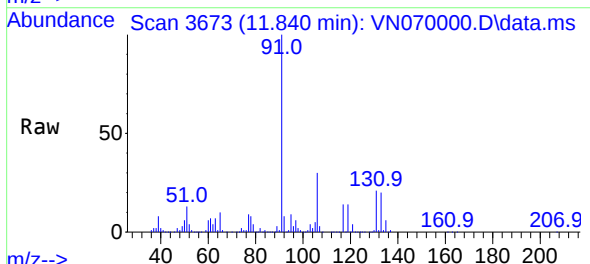
Tgt Ion:112 Resp: 1494912
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

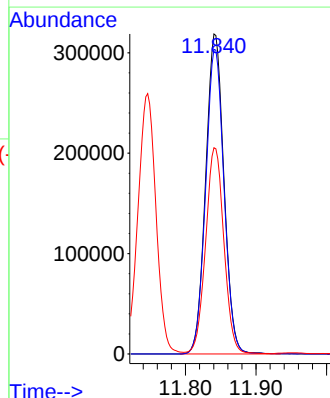
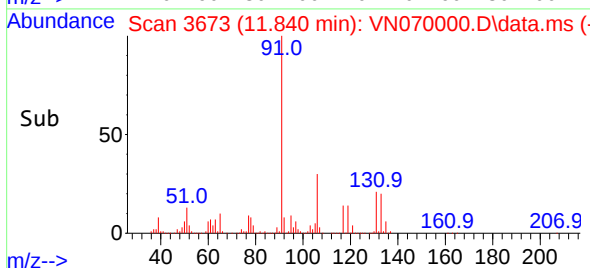
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

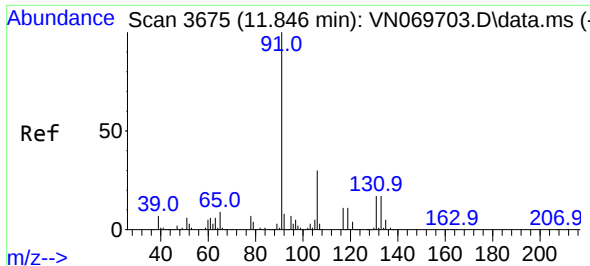


#66
1,1,1,2-Tetrachloroethane
Concen: 55.979 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



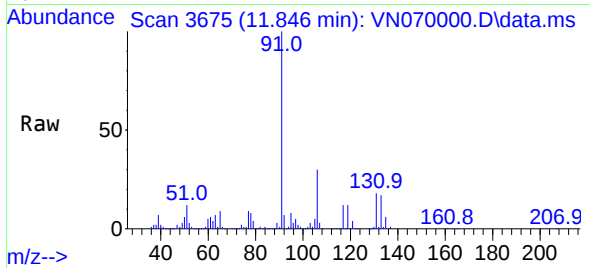
Tgt Ion:131 Resp: 572833
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 53.570 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

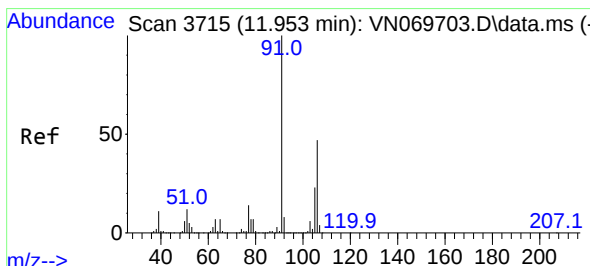
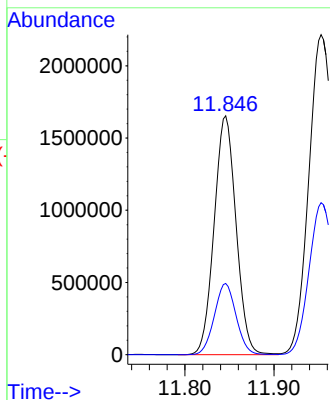
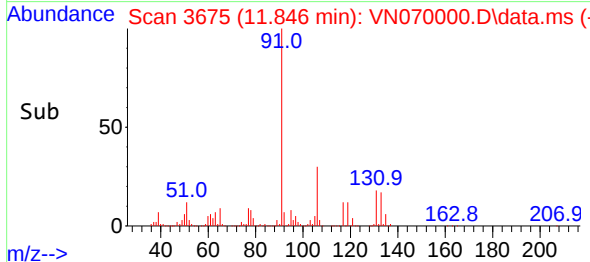
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



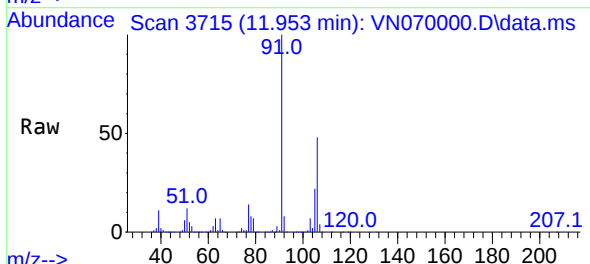
Tgt Ion: 91 Resp: 2829118
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
APPROVED

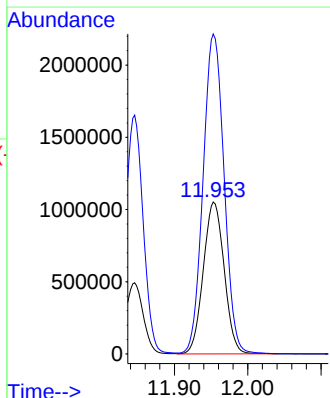
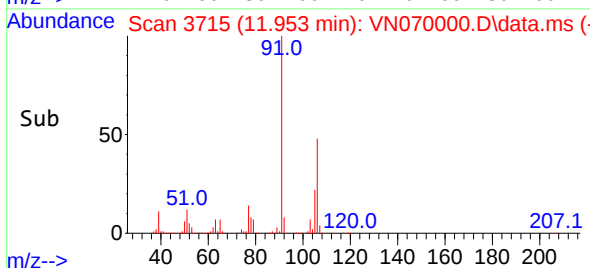
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

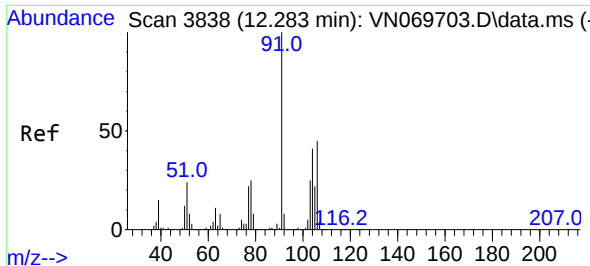


#68
m/p-Xylenes
Concen: 108.206 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion:106 Resp: 2080701
Ion Ratio Lower Upper
106 100
91 211.9 160.6 240.8





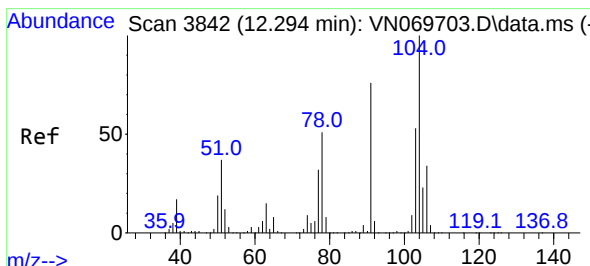
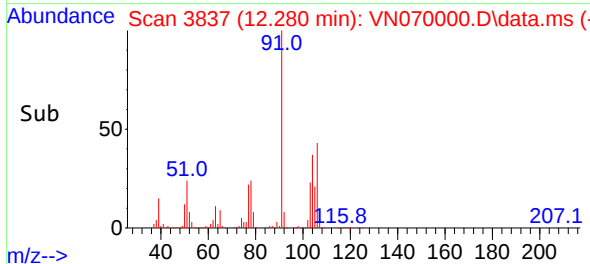
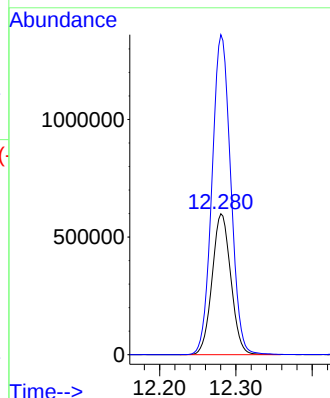
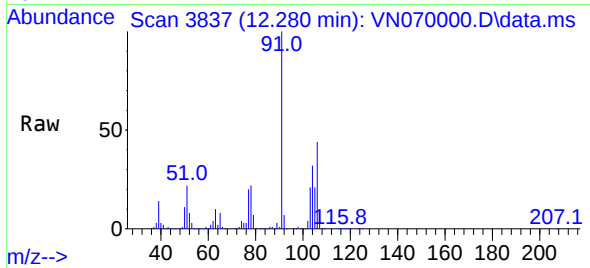
#69
o-Xylene
Concen: 52.735 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 102142
Ion Ratio Lower Upper
106 100
91 227.3 105.8 317.3

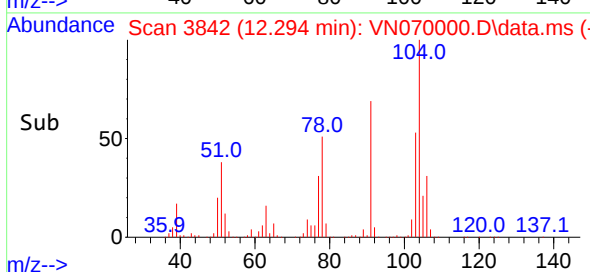
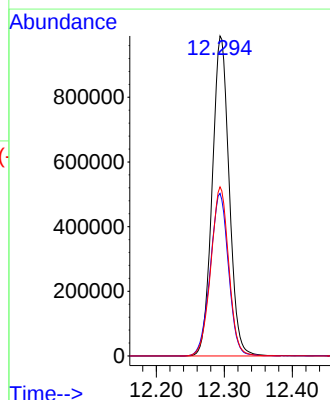
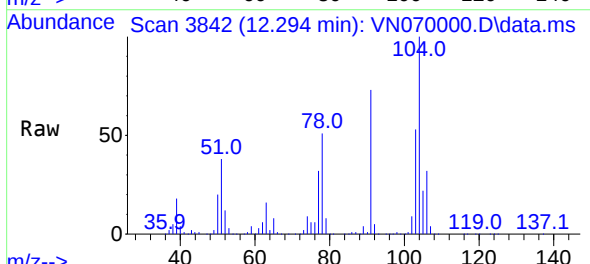
Manual Integrations
APPROVED

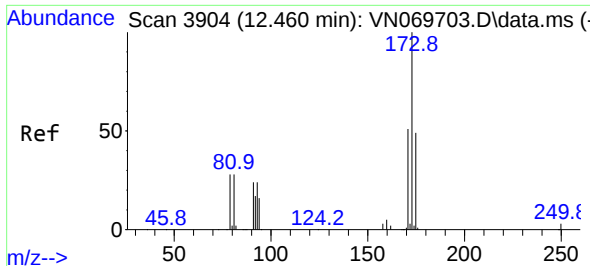
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 55.784 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Tgt Ion:104 Resp: 1713301
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 55.9 45.0 67.6





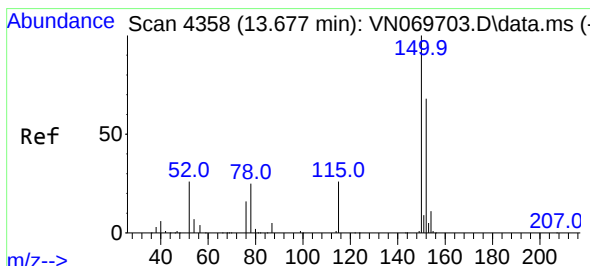
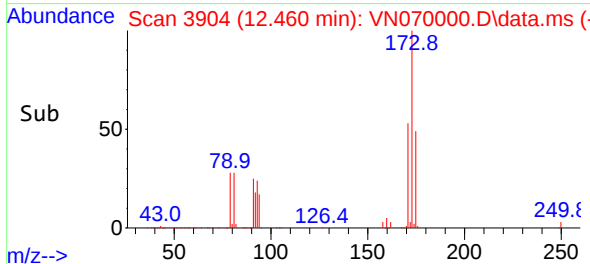
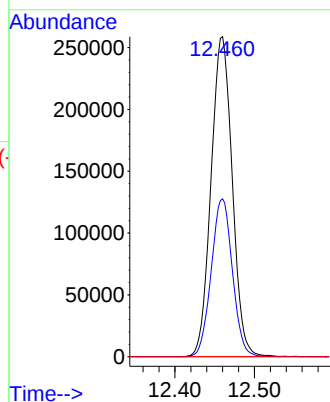
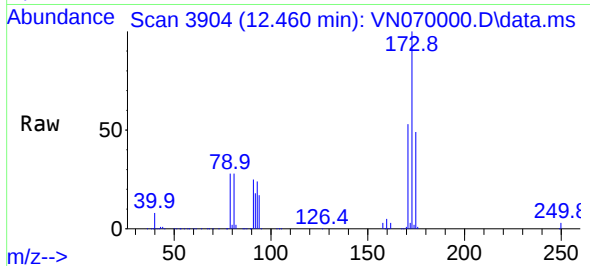
#71
Bromoform
Concen: 54.582 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 48003
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.0 0.0 0.0

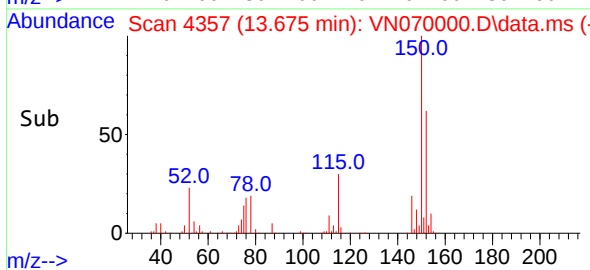
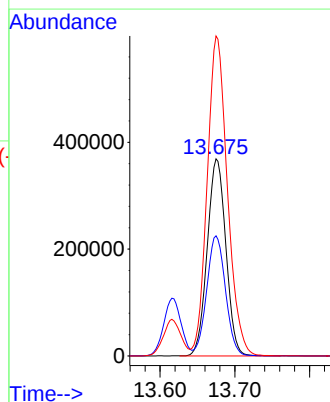
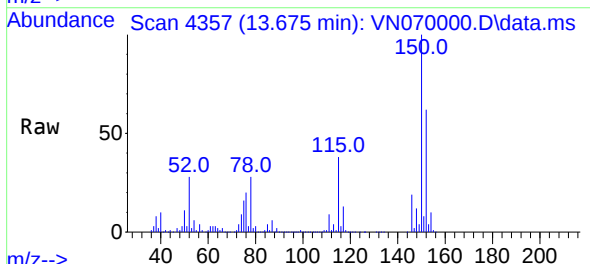
Manual Integrations
APPROVED

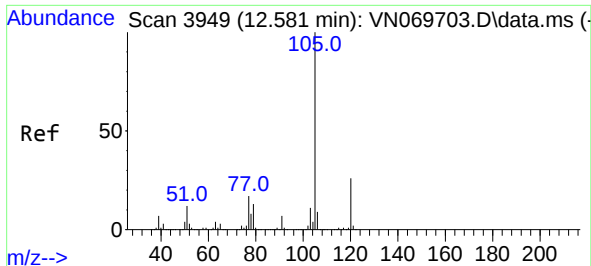
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

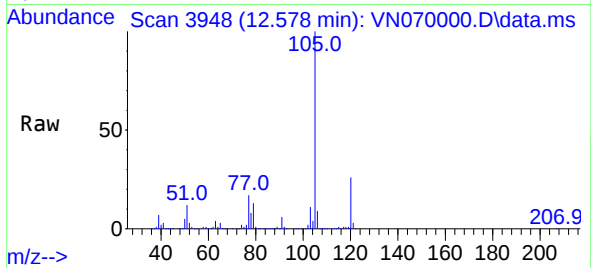
Tgt Ion:152 Resp: 638453
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 176.4 0.0 344.4





#73
Isopropylbenzene
Concen: 47.873 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

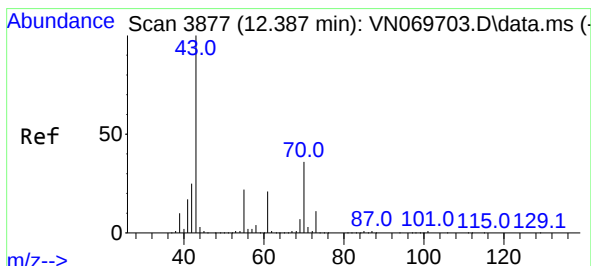
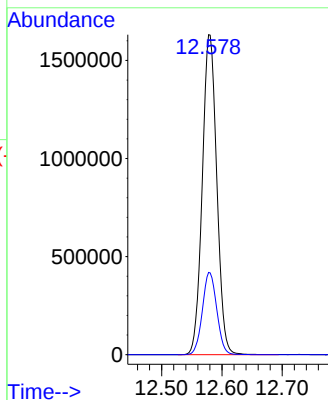
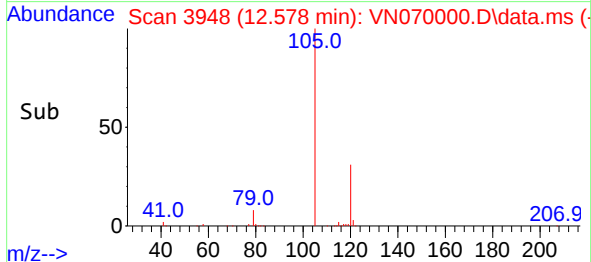
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



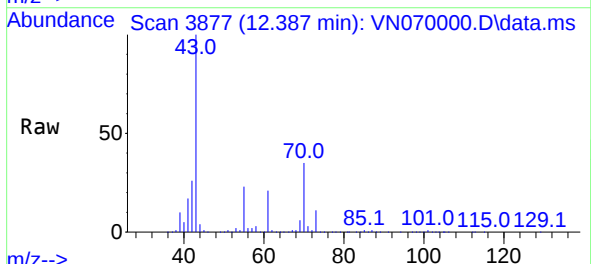
Tgt Ion:105 Resp: 271938
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
APPROVED

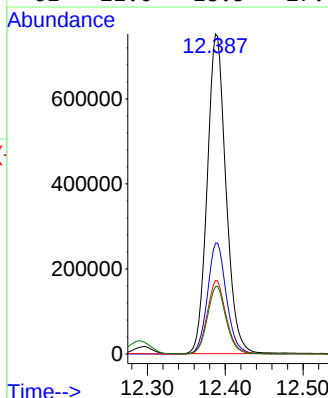
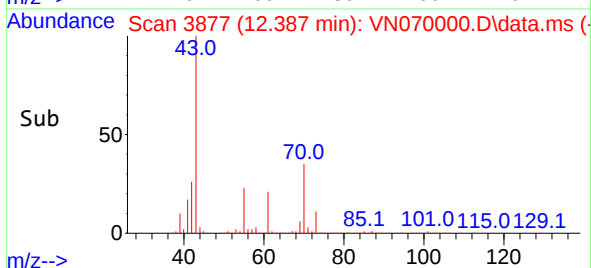
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

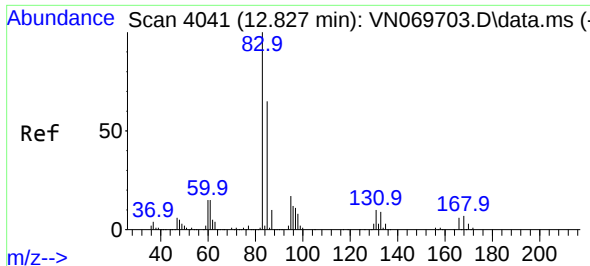


#74
N-ethyl acetate
Concen: 49.980 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



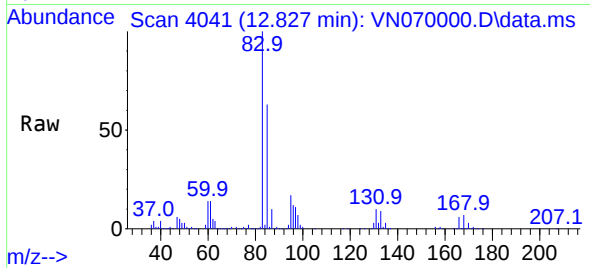
Tgt Ion: 43 Resp: 1255558
Ion Ratio Lower Upper
43 100
70 35.1 33.4 50.0
55 23.3 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.072 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

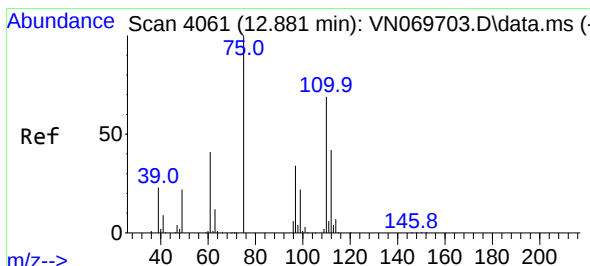
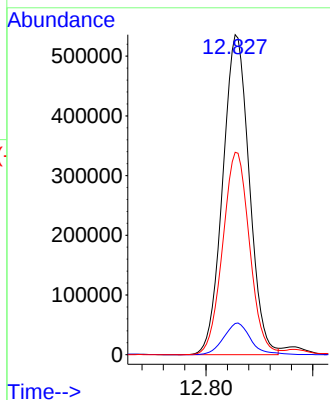
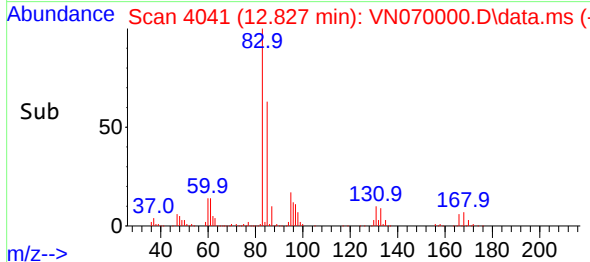
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



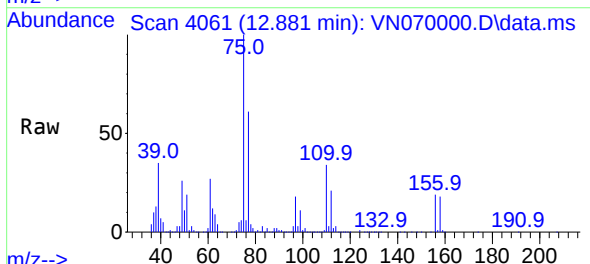
Tgt Ion: 83 Resp: 92463
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
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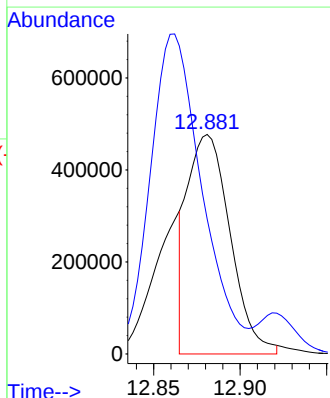
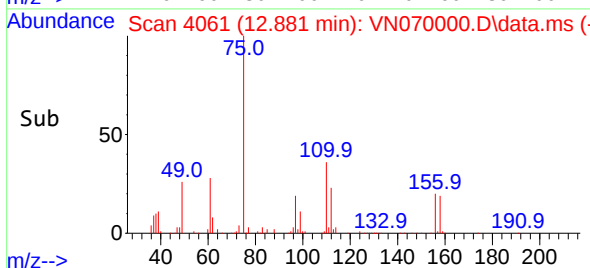
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

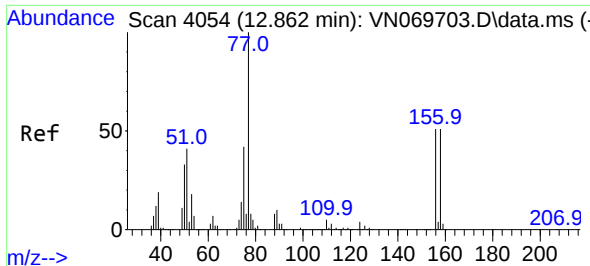


#76
1,2,3-Trichloropropane
Concen: 44.675 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



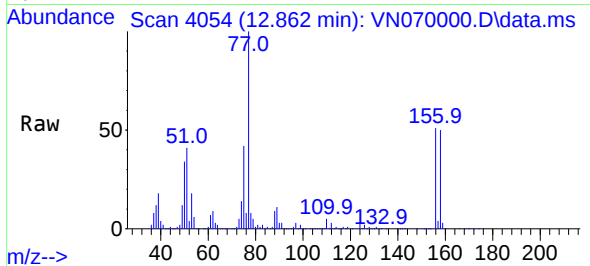
Tgt Ion: 75 Resp: 817974
Ion Ratio Lower Upper
75 100
77 177.8 82.6 247.8





#77
Bromobenzene
Concen: 46.928 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

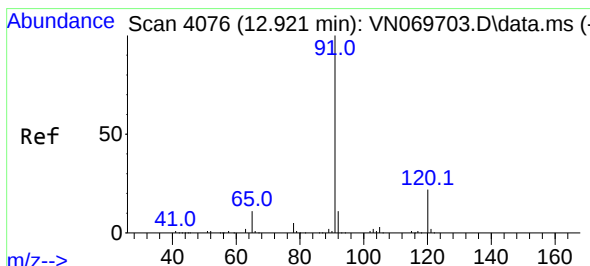
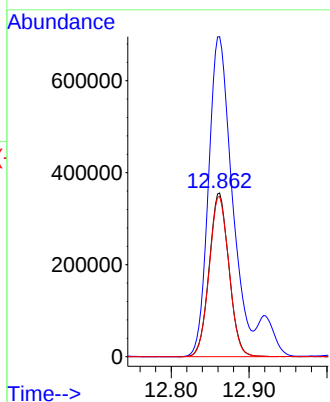
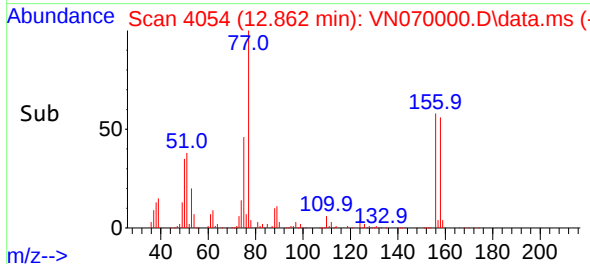
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



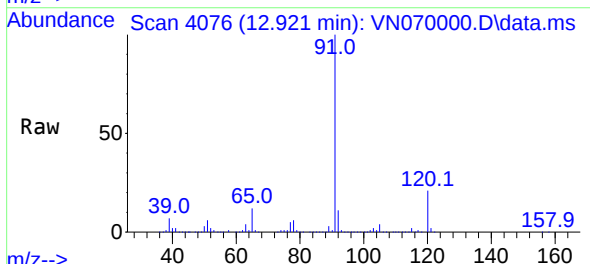
Tgt Ion:156 Resp: 62614
Ion Ratio Lower Upper
156 100
77 232.2 90.6 271.8
158 98.3 48.9 146.7

Manual Integrations
APPROVED

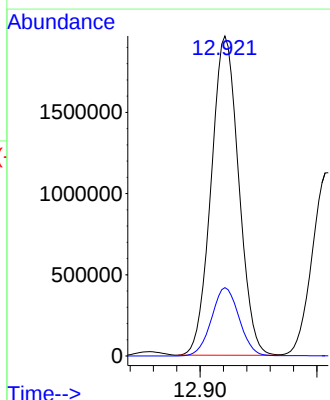
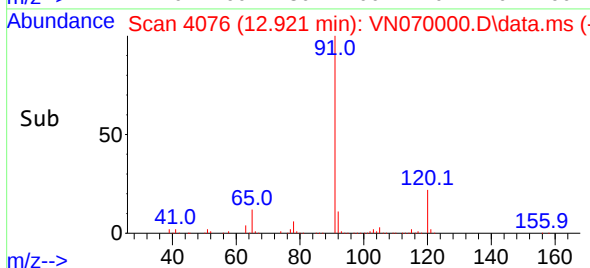
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

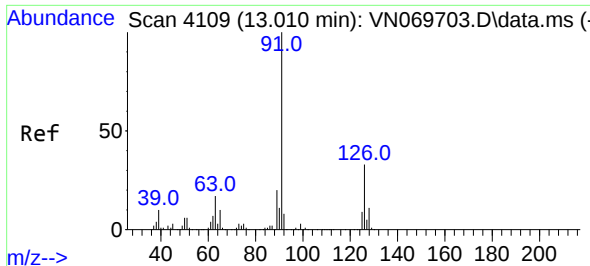


#78
n-propylbenzene
Concen: 50.919 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



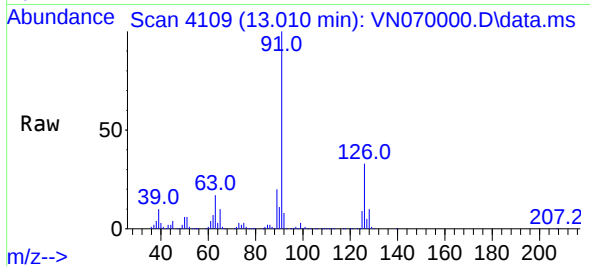
Tgt Ion: 91 Resp: 3218609
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





#79
2-Chlorotoluene
Concen: 48.569 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

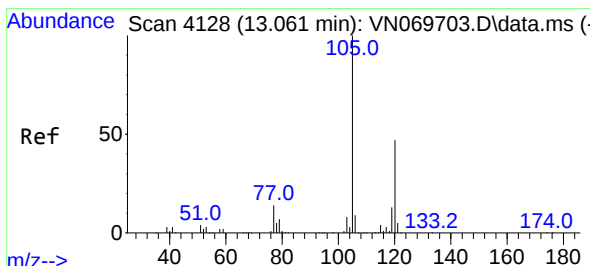
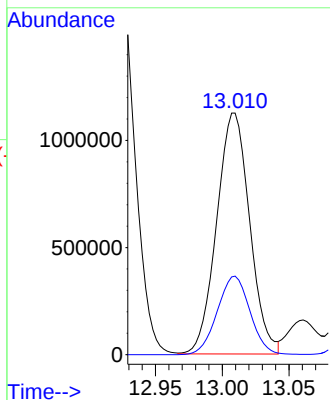
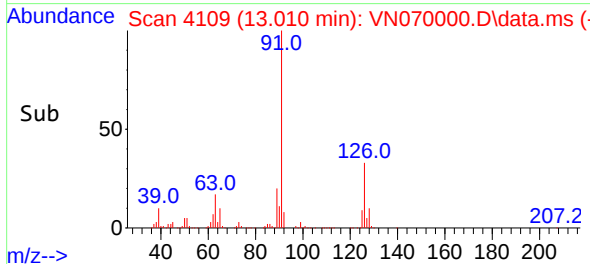
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



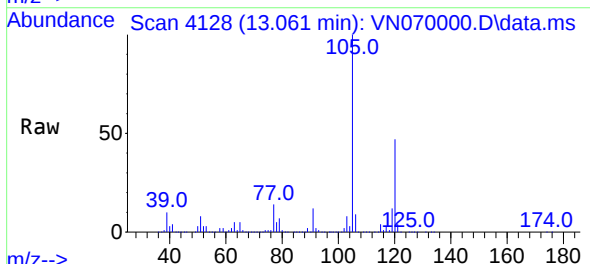
Tgt Ion: 91 Resp: 1939879
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

Manual Integrations
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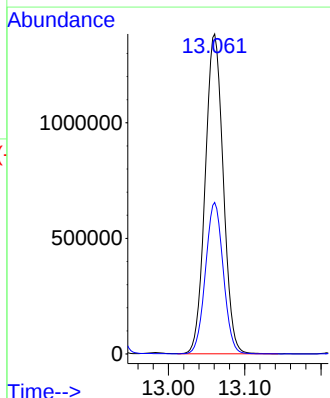
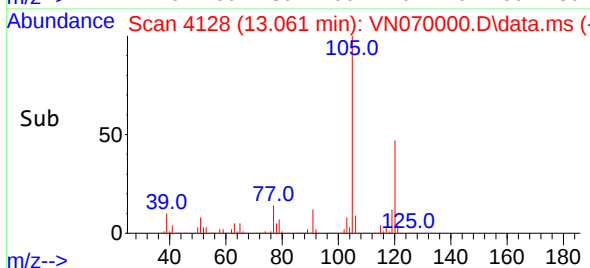
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

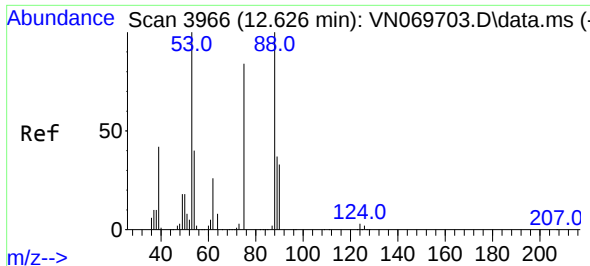


#80
1,3,5-Trimethylbenzene
Concen: 49.575 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



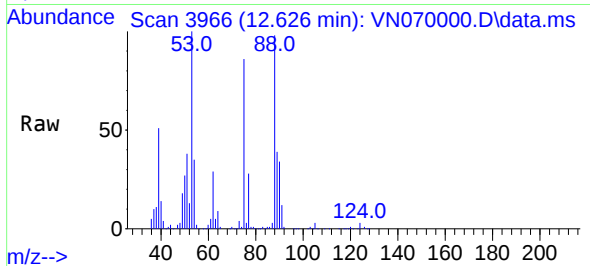
Tgt Ion:105 Resp: 2266606
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.965 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

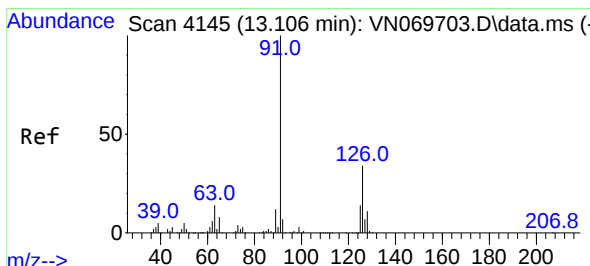
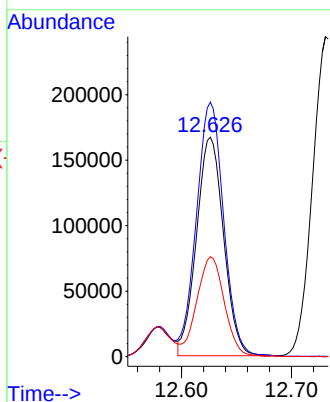
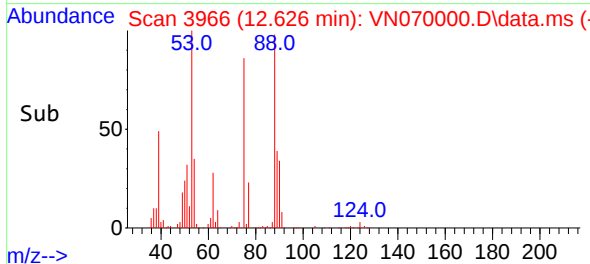
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



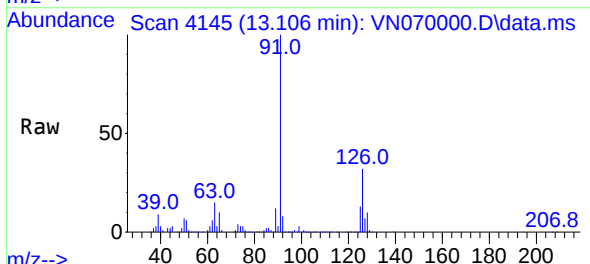
Tgt Ion: 75 Resp: 28558
Ion Ratio Lower Upper
75 100
53 118.1 90.5 135.7
89 46.1 38.2 57.4

Manual Integrations
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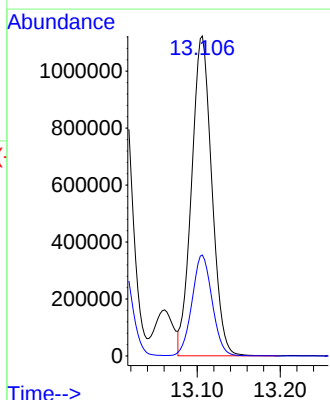
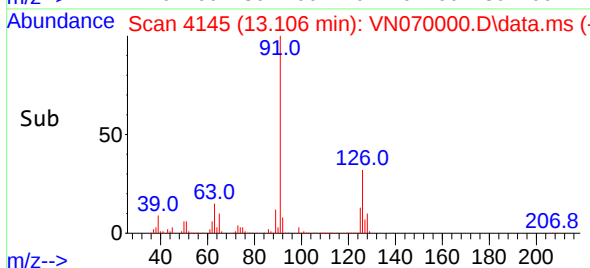
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

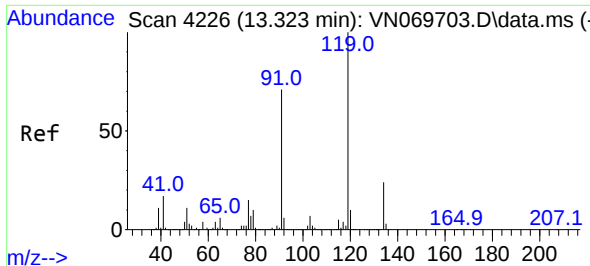


#82
4-Chlorotoluene
Concen: 50.462 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



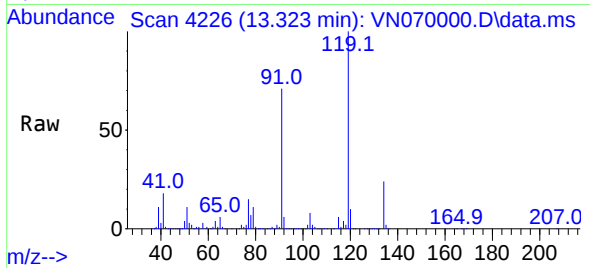
Tgt Ion: 91 Resp: 1895436
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.786 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

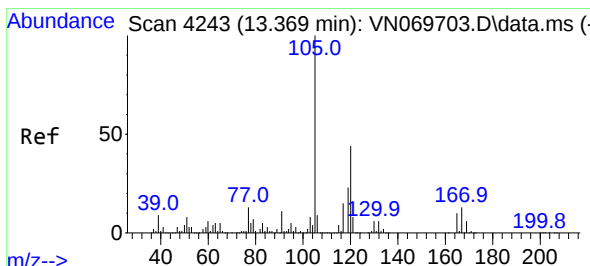
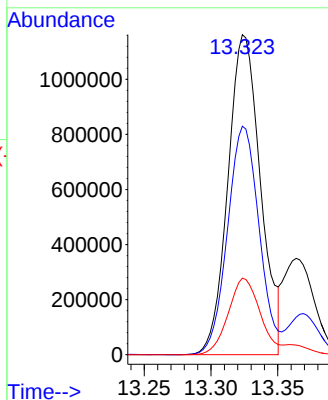
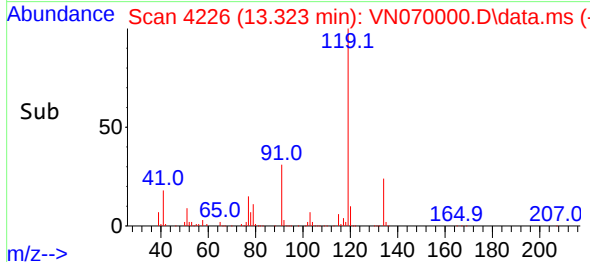
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



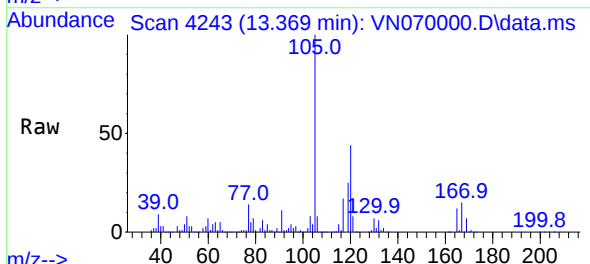
Tgt Ion:119 Resp: 197507
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 23.5 12.4 37.4

Manual Integrations
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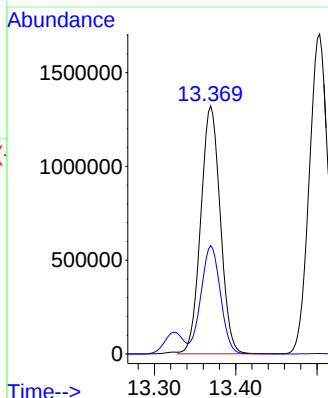
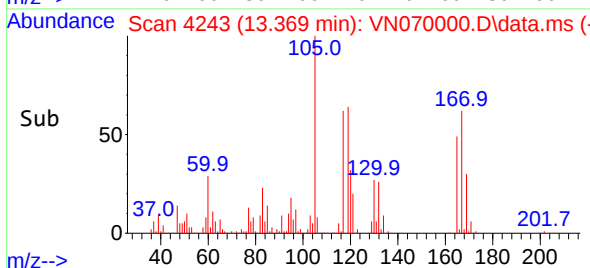
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

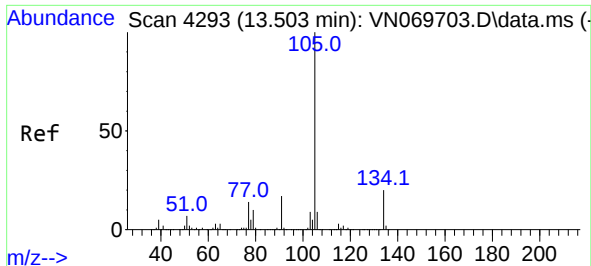


#84
1,2,4-Trimethylbenzene
Concen: 50.628 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



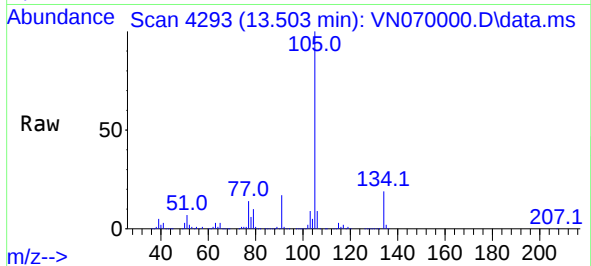
Tgt Ion:105 Resp: 2204481
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.946 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070000.D
 Acq: 11 Dec 2021 11:07

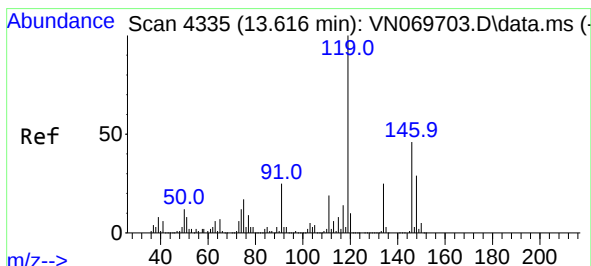
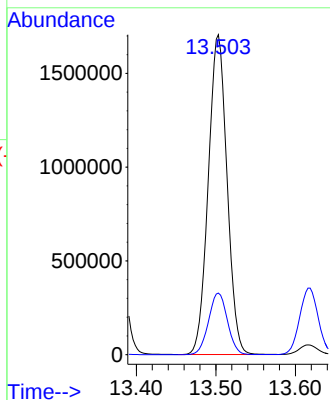
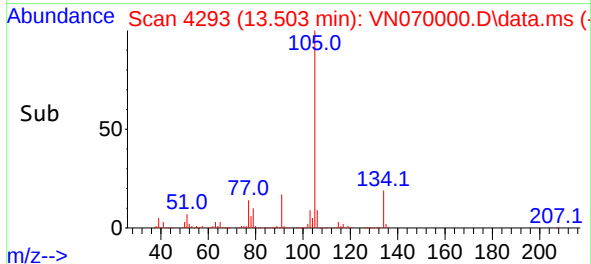
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



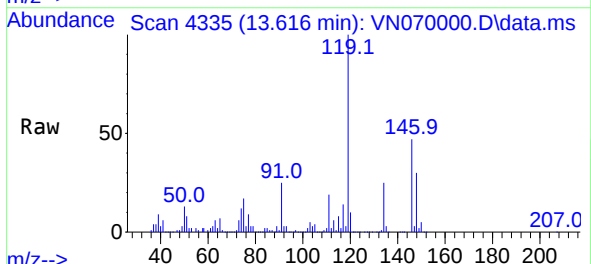
Tgt Ion:105 Resp: 2797630
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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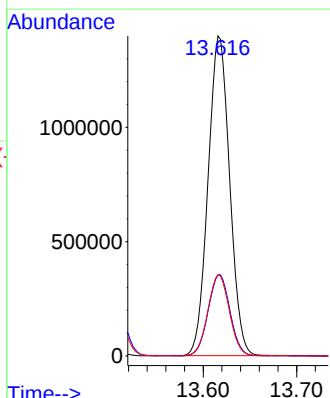
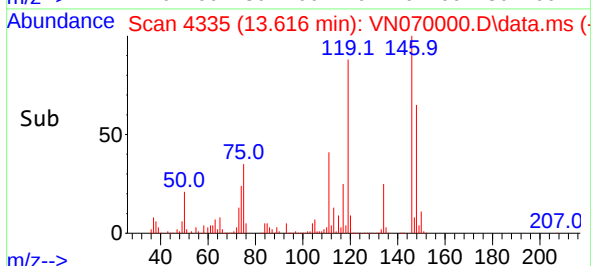
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021

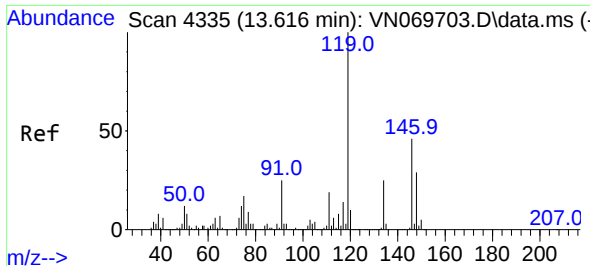


#86
 p-Isopropyltoluene
 Concen: 52.322 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070000.D
 Acq: 11 Dec 2021 11:07



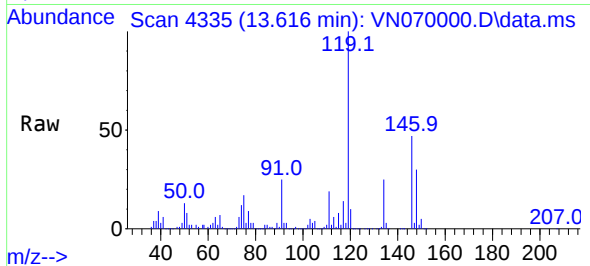
Tgt Ion:119 Resp: 2245863
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.286 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

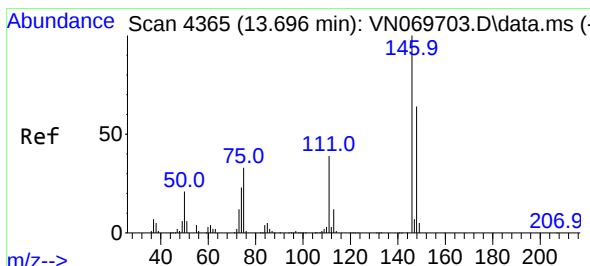
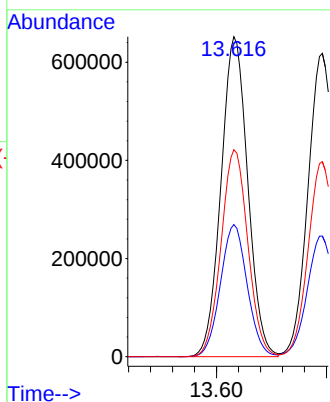
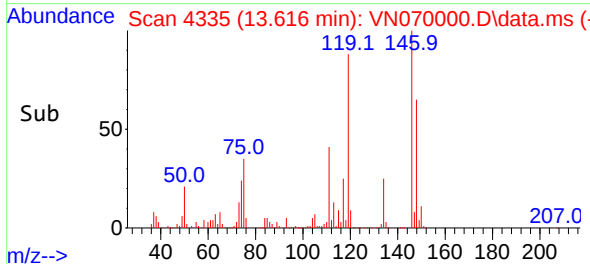
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



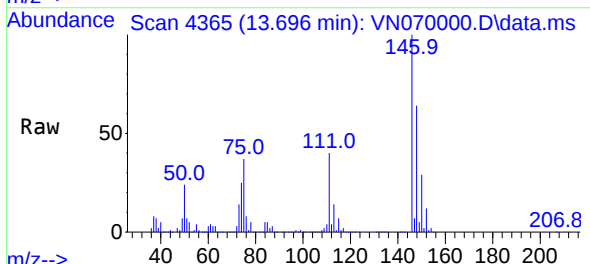
Tgt Ion:146 Resp: 110224
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 64.8 31.6 95.0

Manual Integrations
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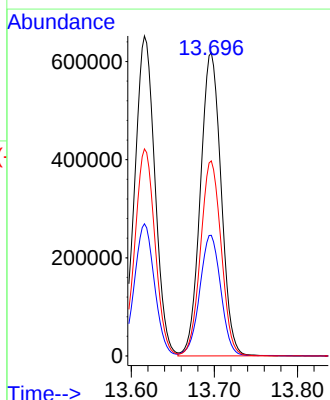
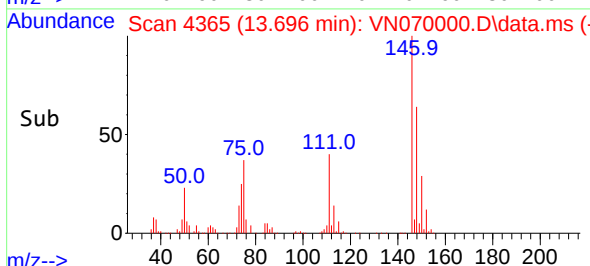
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

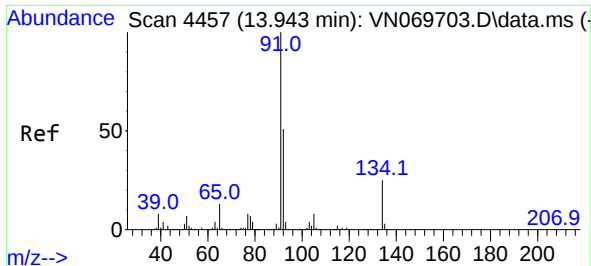


#88
1,4-Dichlorobenzene
Concen: 49.671 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



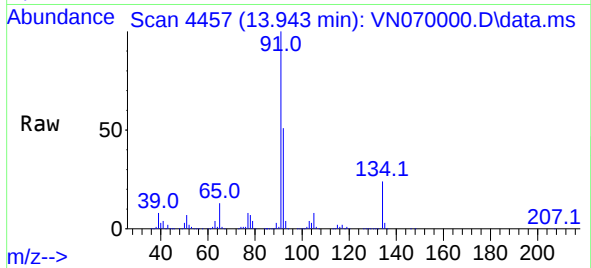
Tgt Ion:146 Resp: 1069965
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 54.622 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

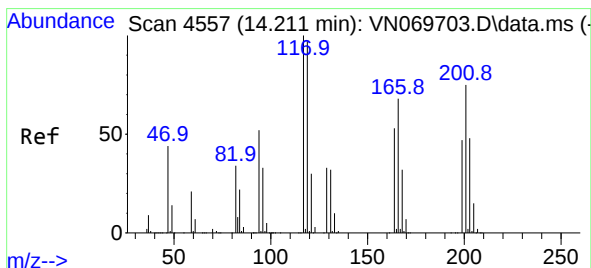
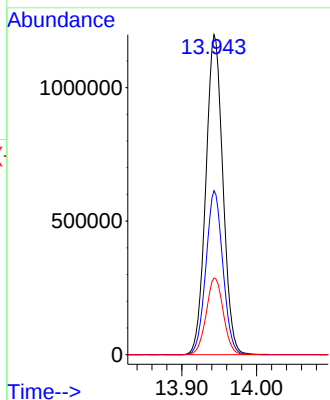
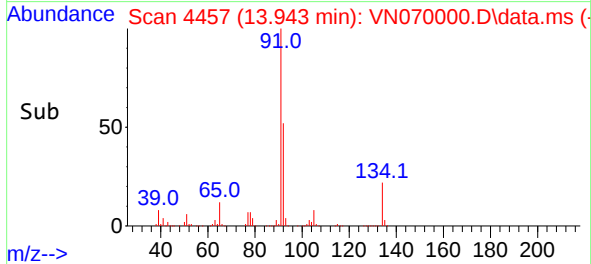
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1901908
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.1 13.6 40.8

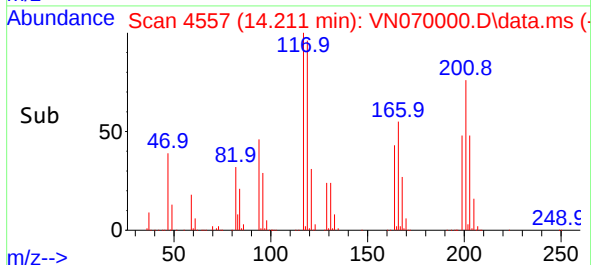
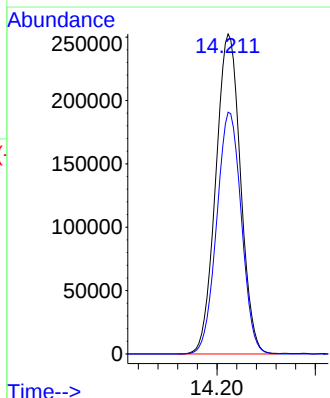
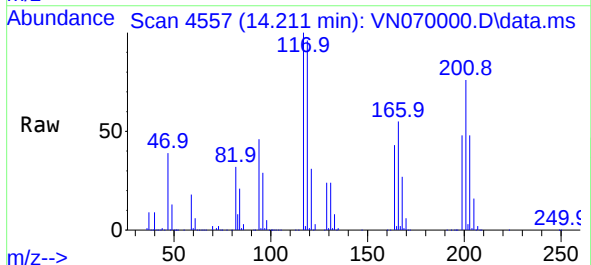
Manual Integrations
APPROVED

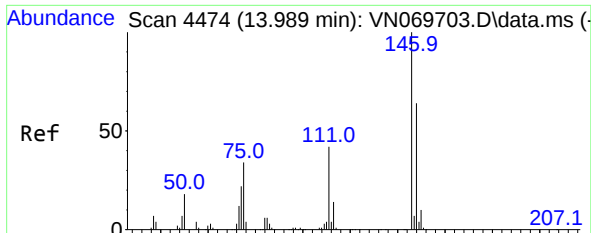
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 58.577 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

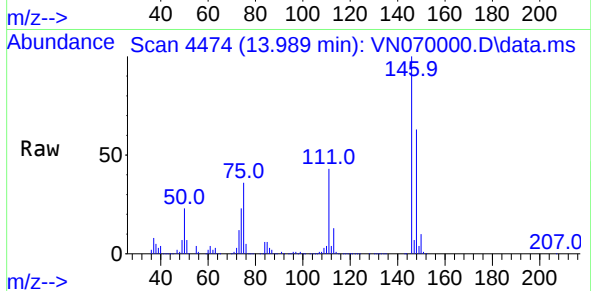
Tgt Ion:117 Resp: 441444
Ion Ratio Lower Upper
117 100
201 75.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.091 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

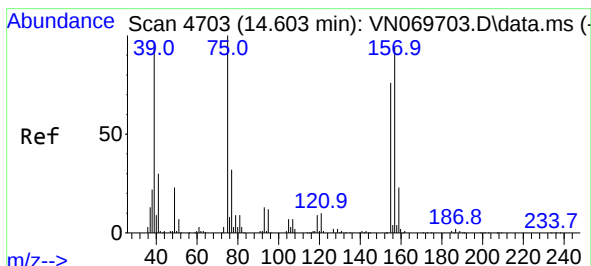
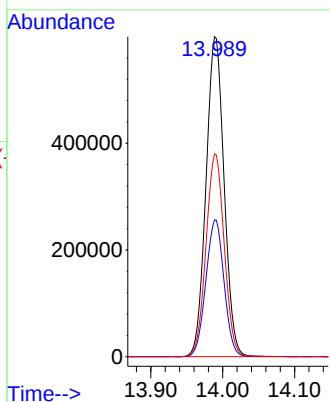
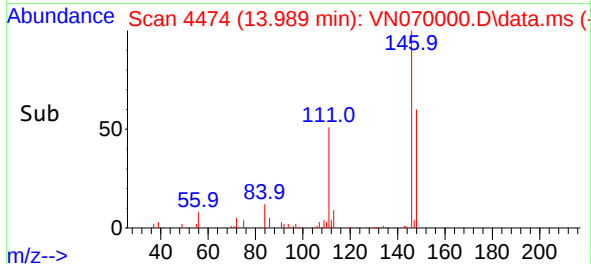
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 104845
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.9 32.1 96.3

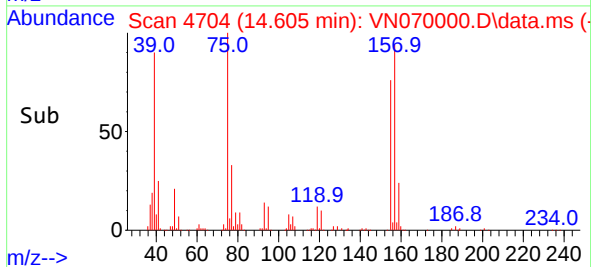
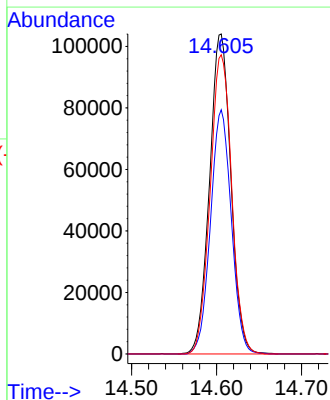
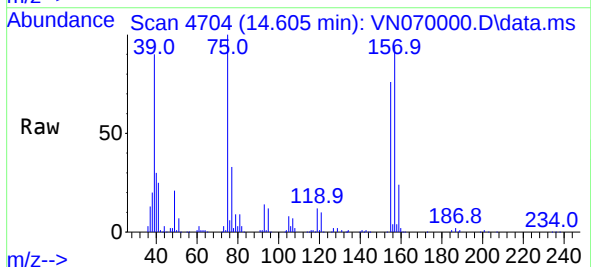
Manual Integrations
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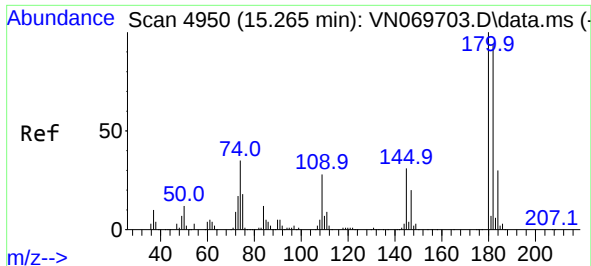
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.227 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

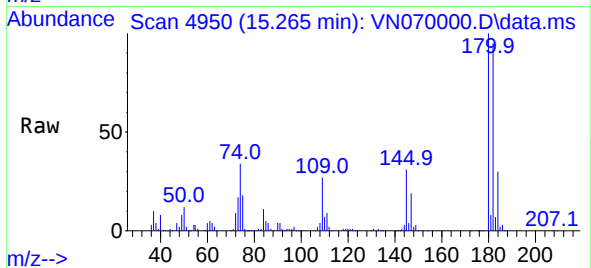
Tgt Ion: 75 Resp: 181830
Ion Ratio Lower Upper
75 100
155 74.3 46.9 140.7
157 94.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 47.859 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

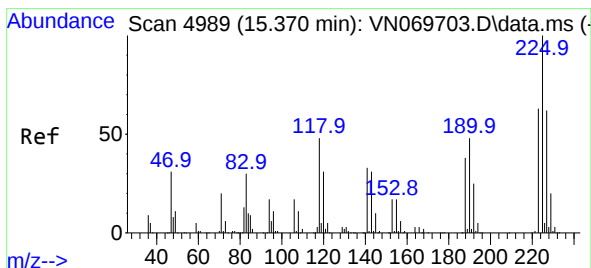
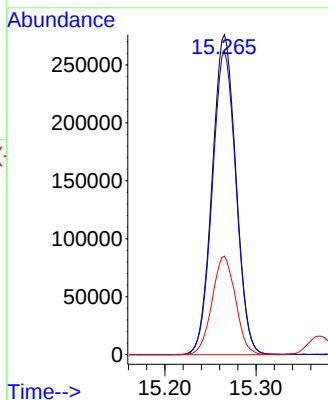
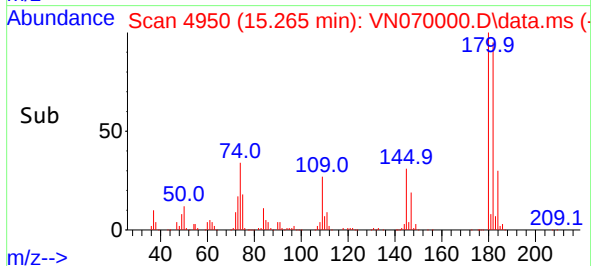
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



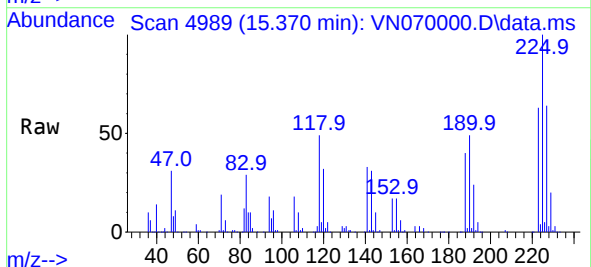
Tgt Ion:180 Resp: 499948
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 30.4 14.5 43.5

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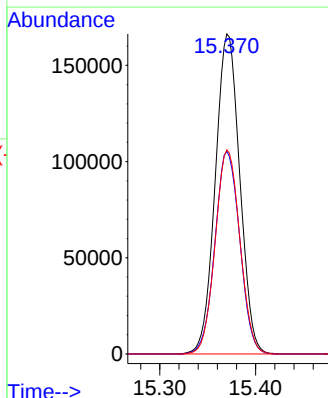
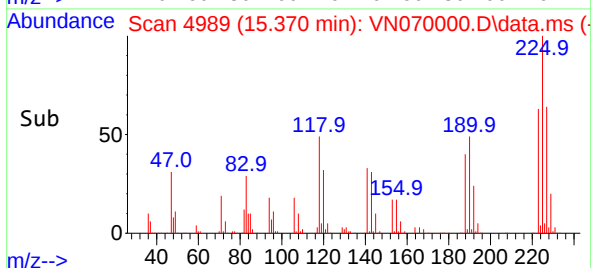
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

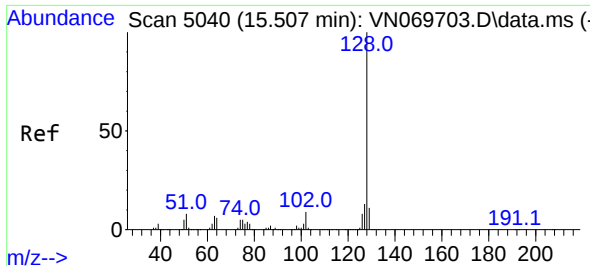


#94
Hexachlorobutadiene
Concen: 52.117 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



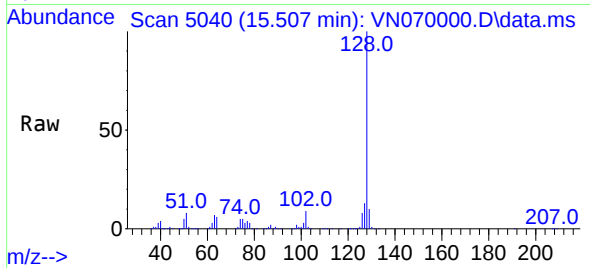
Tgt Ion:225 Resp: 294992
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 64.4 32.1 96.3





#95
Naphthalene
Concen: 41.912 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07

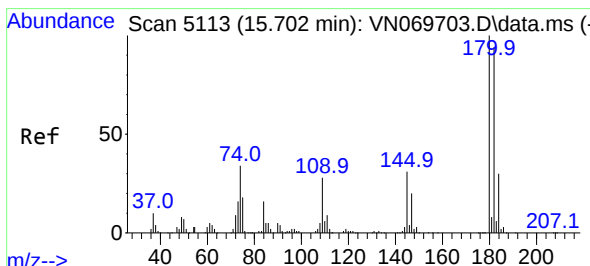
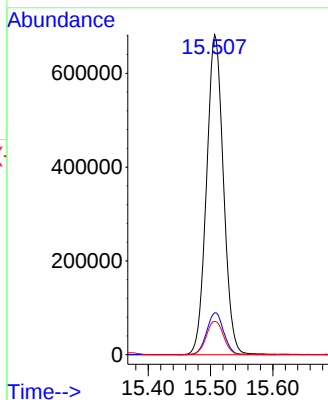
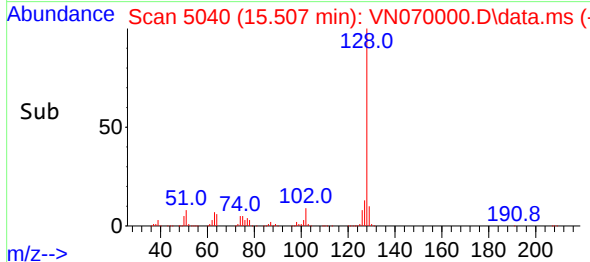
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



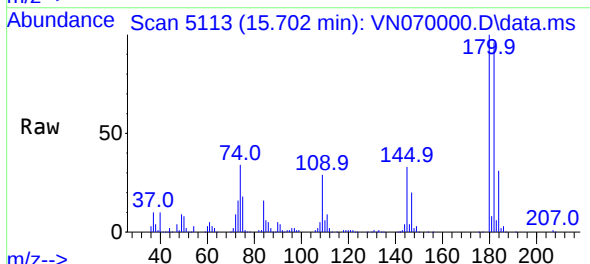
Tgt Ion:128 Resp: 128585
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.291 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070000.D
Acq: 11 Dec 2021 11:07



Tgt Ion:180 Resp: 481363
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.5 15.0 45.1

