

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070023.D
 Acq On : 11 Dec 2021 21:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 16:28:08 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	1103350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1851972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1771242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	788211	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	761588	44.705	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.420%
35) Dibromofluoromethane	8.024	113	532692	45.920	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.840%
50) Toluene-d8	10.443	98	2096513	45.010	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.020%
62) 4-Bromofluorobenzene	12.733	95	804059	47.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	548820	42.647	ug/l	99
3) Chloromethane	2.301	50	664956	41.244	ug/l	99
4) Vinyl Chloride	2.443	62	624668	42.138	ug/l	98
5) Bromomethane	2.826	94	332338	41.264	ug/l	99
6) Chloroethane	3.001	64	376658	41.463	ug/l	98
7) Trichlorofluoromethane	3.365	101	819144	42.101	ug/l	99
8) Diethyl Ether	3.821	74	340463	45.434	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.199	101	486102	44.570	ug/l	95
10) Methyl Iodide	4.411	142	671778	45.087	ug/l	98
11) Tert butyl alcohol	5.393	59	776205	241.045	ug/l	97
12) 1,1-Dichloroethene	4.173	96	465834	44.324	ug/l	86
13) Acrolein	4.039	56	666405	243.013	ug/l	100
14) Allyl chloride	4.835	41	1094983	46.236	ug/l	92
15) Acrylonitrile	5.557	53	2101498	242.186	ug/l	99
16) Acetone	4.291	43	2002557	195.414	ug/l	96
17) Carbon Disulfide	4.521	76	1173579	43.222	ug/l	98
18) Methyl Acetate	4.857	43	1436441	46.438	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	1936679	47.392	ug/l	96
20) Methylene Chloride	5.090	84	589810	43.294	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	488340	42.779	ug/l	86
22) Diisopropyl ether	6.501	45	2229281	48.160	ug/l	93
23) Vinyl Acetate	6.436	43	9066382	240.751	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1103135	46.006	ug/l	98
25) 2-Butanone	7.340	43	3159057	226.883	ug/l	91
26) 2,2-Dichloropropane	7.327	77	708317	37.993	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	610706	44.280	ug/l	87
28) Bromochloromethane	7.659	49	591470	47.435	ug/l #	79
29) Tetrahydrofuran	7.689	42	2045524	241.936	ug/l	88
30) Chloroform	7.820	83	1095168	45.224	ug/l	99
31) Cyclohexane	8.094	56	994651	41.955	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	946901	45.904	ug/l	96
36) 1,1-Dichloropropene	8.222	75	772410	43.812	ug/l	96
37) Ethyl Acetate	7.418	43	1184945	45.157	ug/l	96
38) Carbon Tetrachloride	8.206	117	799035	46.218	ug/l	98
39) Methylcyclohexane	9.461	83	911550	43.468	ug/l	90
40) Benzene	8.461	78	2377665	44.122	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	597344	48.493	ug/l	90
42) 1,2-Dichloroethane	8.531	62	967004	44.452	ug/l	96
43) Isopropyl Acetate	8.563	43	1853213	47.725	ug/l #	93
44) Trichloroethene	9.217	130	560459	43.574	ug/l	90
45) 1,2-Dichloropropane	9.491	63	656024	45.333	ug/l	100
46) Dibromomethane	9.579	93	432244	45.544	ug/l	93
47) Bromodichloromethane	9.765	83	899459	50.056	ug/l	99
48) Methyl methacrylate	9.561	41	873352	48.194	ug/l	88
49) 1,4-Dioxane	9.571	88	320006	984.154	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	6349034	252.036	ug/l	95
52) Toluene	10.507	92	1489646	45.278	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	920875	43.016	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	975292	43.272	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	611440	46.061	ug/l	98
56) Ethyl methacrylate	10.762	69	1084139	43.591	ug/l #	85
57) 1,3-Dichloropropane	11.047	76	1066238	45.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1733012	255.761	ug/l	91
59) 2-Hexanone	11.087	43	4772109	250.423	ug/l	92
60) Dibromochloromethane	11.240	129	654158	46.183	ug/l	99
61) 1,2-Dibromoethane	11.347	107	634086	46.118	ug/l	99
64) Tetrachloroethene	10.979	164	497466	41.420	ug/l	95
65) Chlorobenzene	11.771	112	1579980	43.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	590153	46.662	ug/l	100
67) Ethyl Benzene	11.846	91	2984359	45.722	ug/l	97
68) m/p-Xylenes	11.956	106	2166744	91.170	ug/l	92
69) o-Xylene	12.280	106	1101980	46.033	ug/l	92
70) Styrene	12.296	104	1818908	47.917	ug/l	96
71) Bromoform	12.460	173	512501	47.521	ug/l #	99
73) Isopropylbenzene	12.581	105	2923174	41.683	ug/l	98
74) N-amyl acetate	12.390	43	1419428	45.768	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1016644	41.922	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	931751m	41.221	ug/l	
77) Bromobenzene	12.862	156	689714	41.871	ug/l	79
78) n-propylbenzene	12.921	91	3313559	42.461	ug/l	95
79) 2-Chlorotoluene	13.010	91	2042865	41.429	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	2360658	41.822	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	293898	43.159	ug/l	96
82) 4-Chlorotoluene	13.106	91	1932967	41.683	ug/l	92
83) tert-Butylbenzene	13.326	119	2114082	42.298	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2315378	43.072	ug/l	97
85) sec-Butylbenzene	13.503	105	2933914	43.277	ug/l	97
86) p-Isopropyltoluene	13.616	119	2311269	43.615	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1110596	41.040	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1077893	40.532	ug/l	97
89) n-Butylbenzene	13.943	91	1948600	45.330	ug/l	97
90) Hexachloroethane	14.211	117	439786	47.270	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1092831	41.447	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	211734	48.318	ug/l	84
93) 1,2,4-Trichlorobenzene	15.265	180	573087	44.642	ug/l	98
94) Hexachlorobutadiene	15.373	225	294820	42.190	ug/l	99
95) Naphthalene	15.507	128	1946703	50.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	571514	45.573	ug/l	98

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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

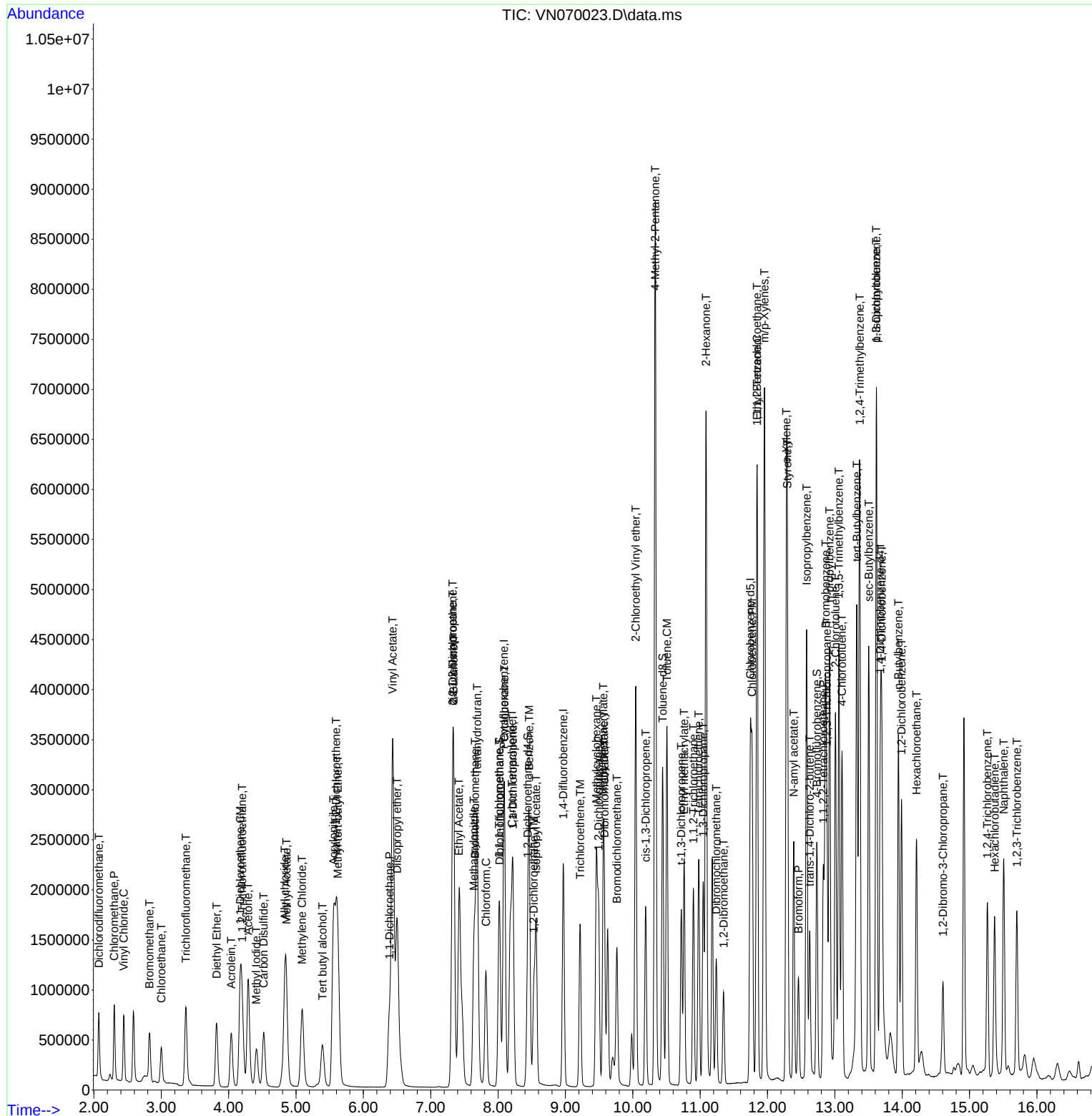
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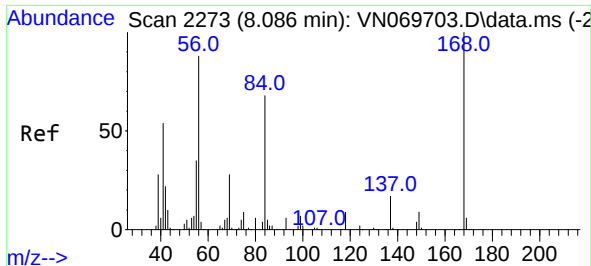
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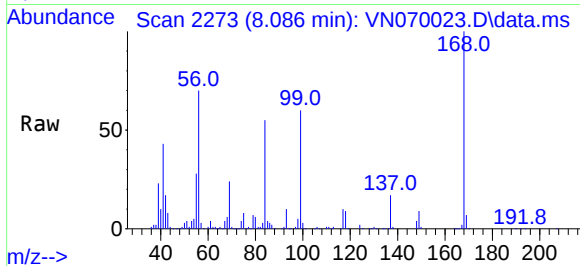
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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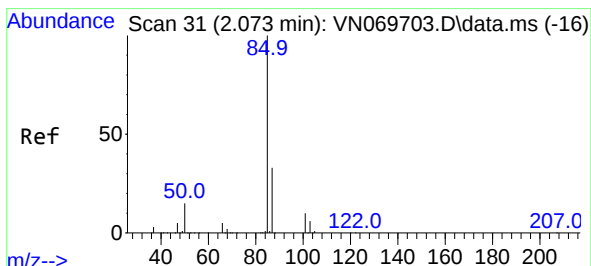
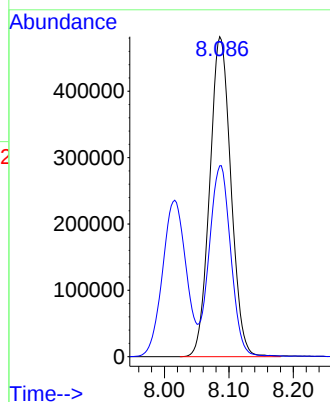
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ClientSampleId :
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Tgt Ion:168 Resp: 1103350
Ion Ratio Lower Upper
168 100
99 59.4 41.3 61.9

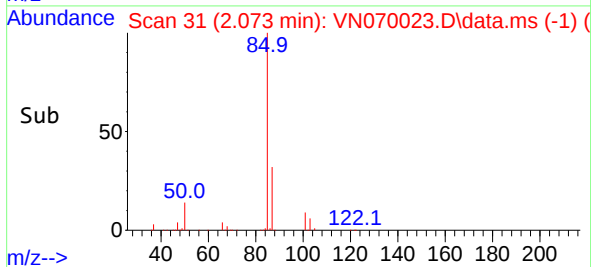
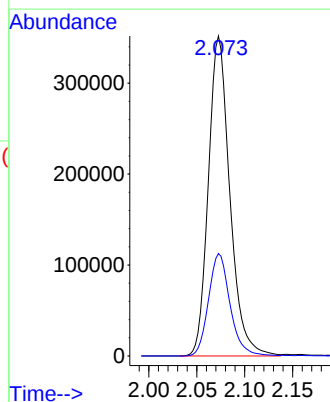
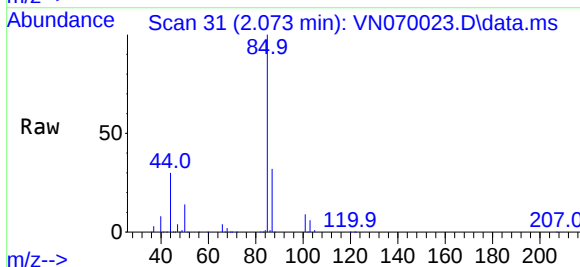
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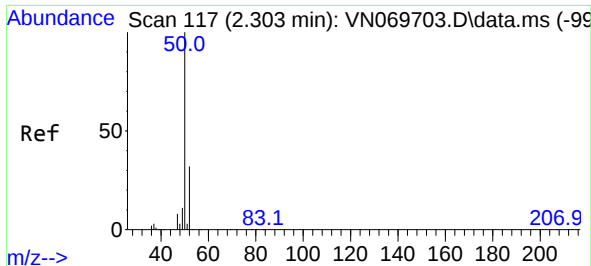
Reviewed By :John Carlone 12/13/2021
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#2
Dichlorodifluoromethane
Concen: 42.647 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

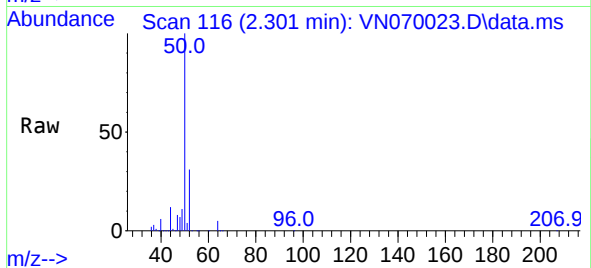
Tgt Ion: 85 Resp: 548820
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 41.244 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

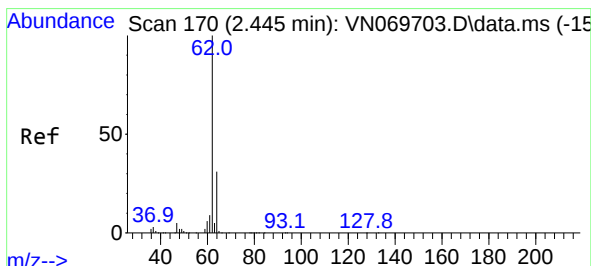
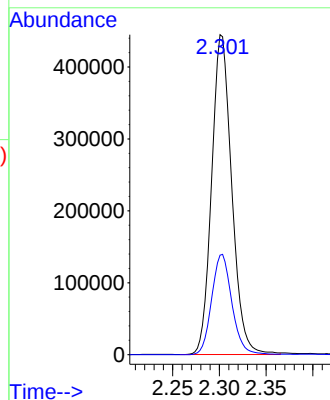
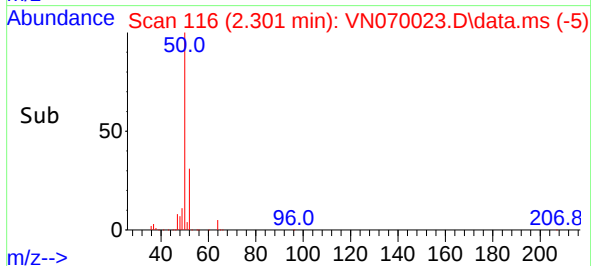
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Tgt Ion: 50 Resp: 664950
Ion Ratio Lower Upper
50 100
52 31.1 25.4 38.0

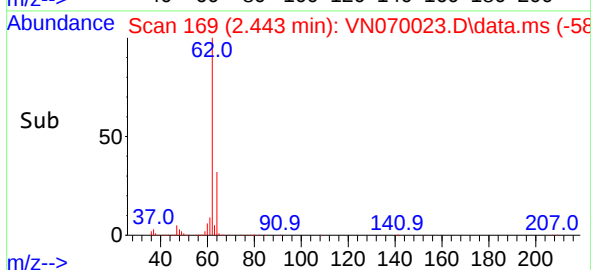
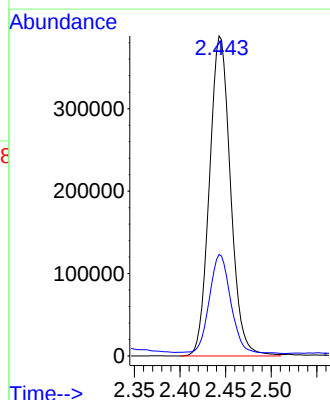
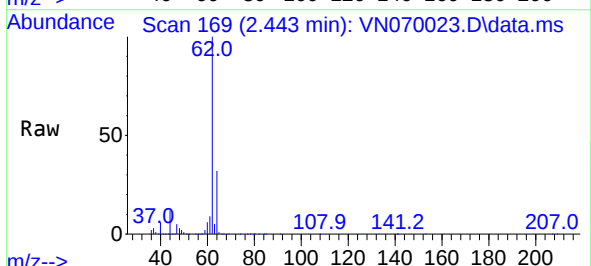
Manual Integrations
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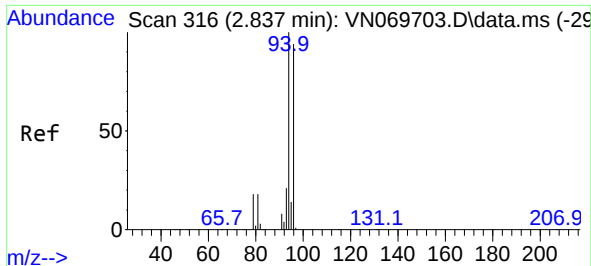
Reviewed By :John Carlone 12/13/2021
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#4
Vinyl Chloride
Concen: 42.138 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

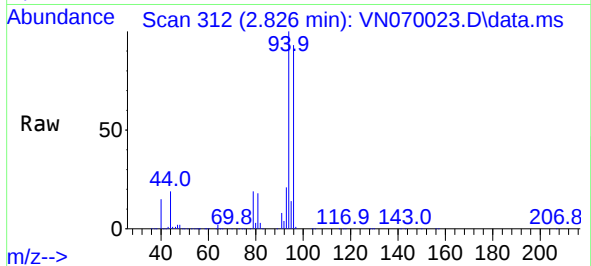
Tgt Ion: 62 Resp: 624668
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6





#5
Bromomethane
Concen: 41.264 ug/l
RT: 2.826 min Scan# 316
Delta R.T. -0.011 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

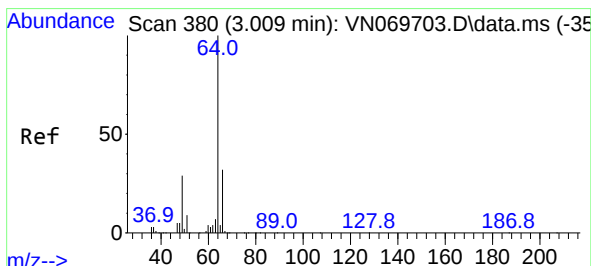
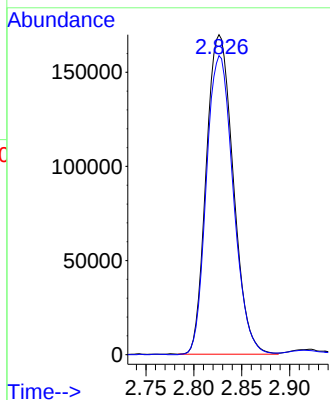
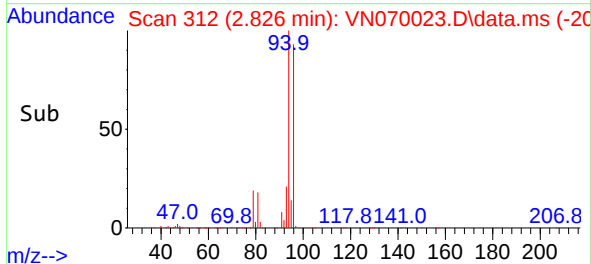
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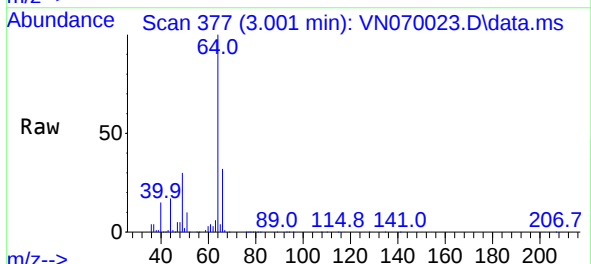
Tgt Ion: 94 Resp: 332338
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

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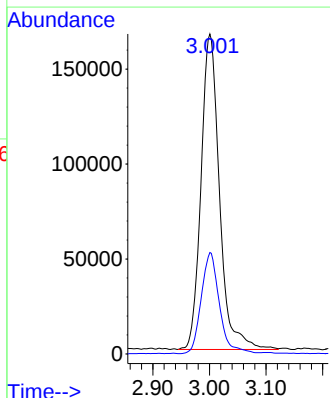
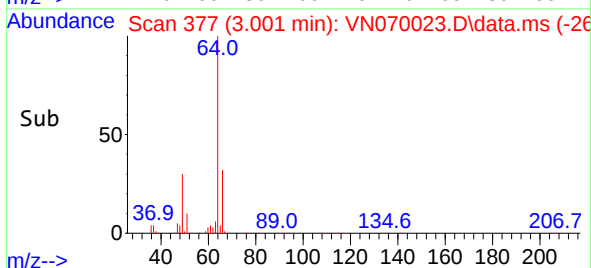
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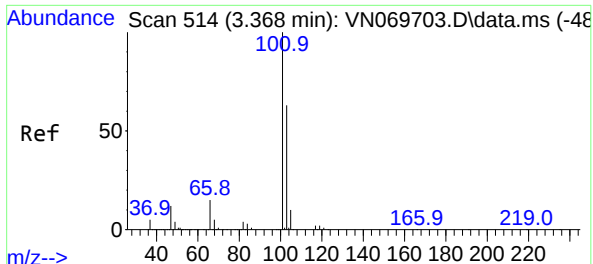


#6
Chloroethane
Concen: 41.463 ug/l
RT: 3.001 min Scan# 377
Delta R.T. -0.008 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 64 Resp: 376658
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





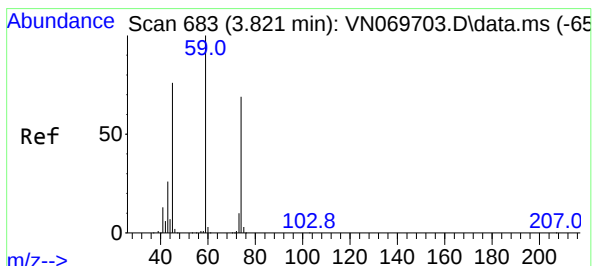
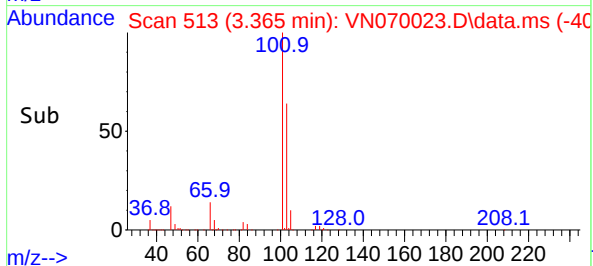
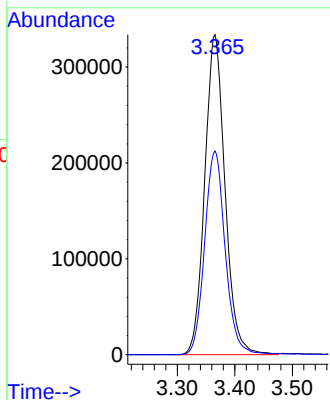
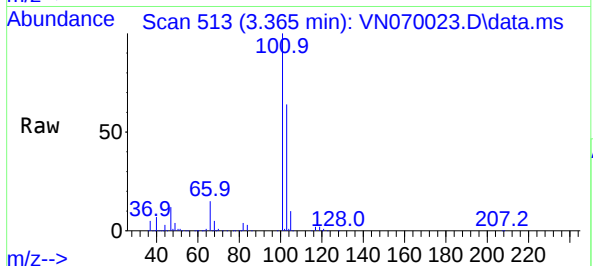
#7
Trichlorofluoromethane
Concen: 42.101 ug/l
RT: 3.365 min Scan# 514
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 819144
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

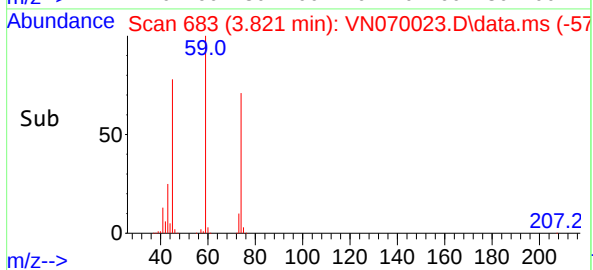
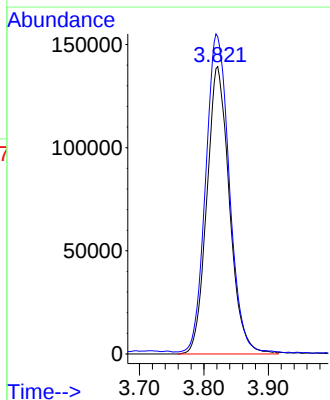
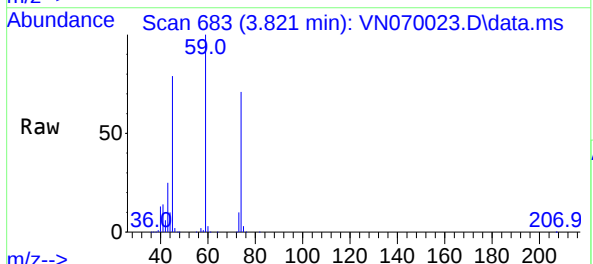
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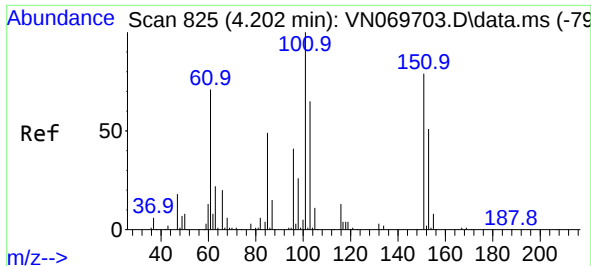
Reviewed By :John Carlone 12/13/2021
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#8
Diethyl Ether
Concen: 45.434 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070023.D
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Tgt Ion: 74 Resp: 340463
Ion Ratio Lower Upper
74 100
45 115.0 47.0 141.2





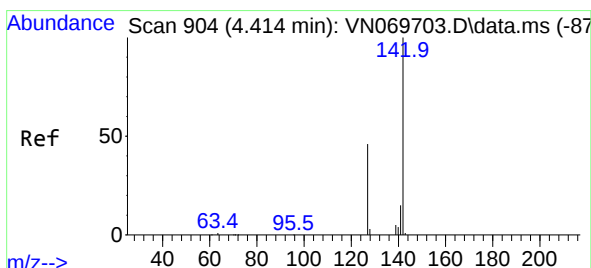
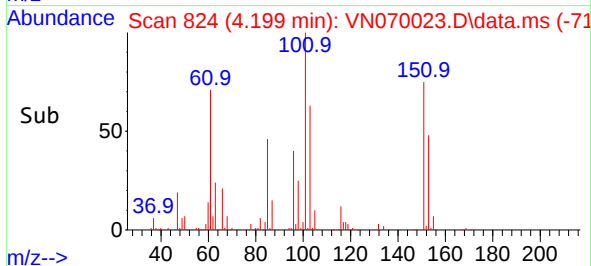
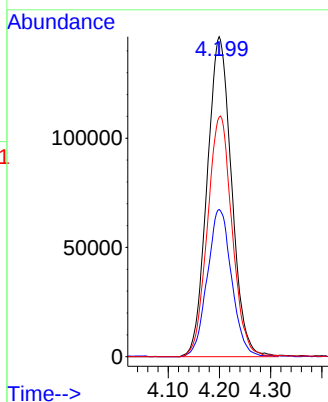
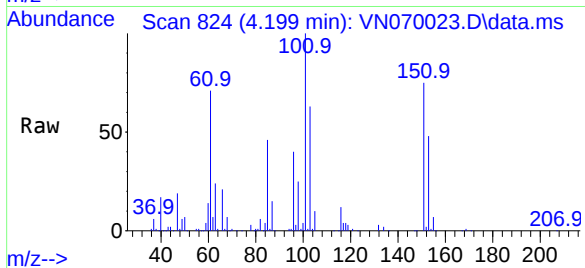
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.570 ug/l
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 48610
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 75.6 65.9 98.9

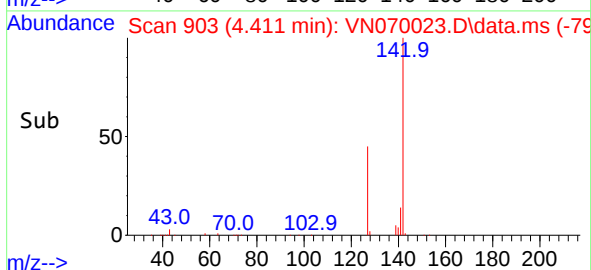
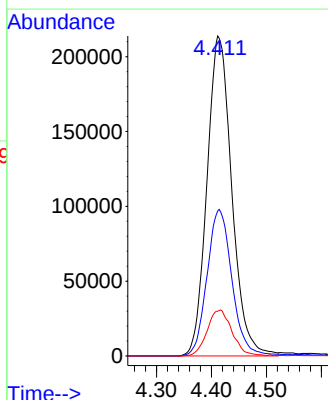
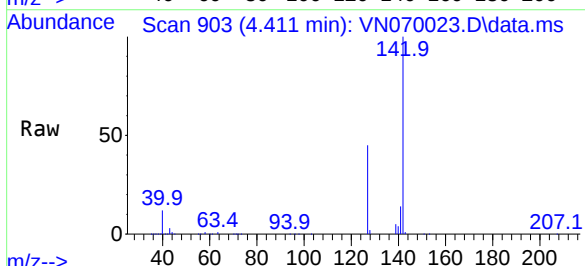
Manual Integrations
APPROVED

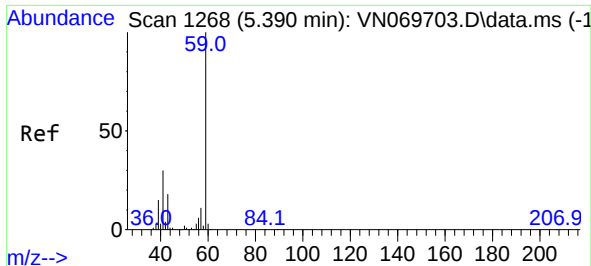
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 45.087 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

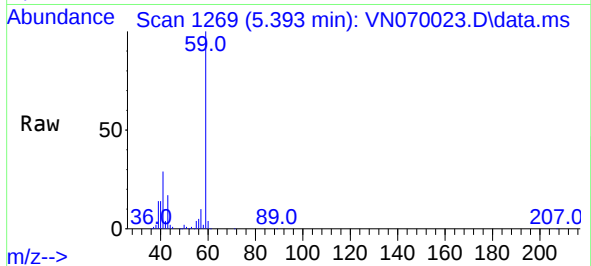
Tgt Ion:142 Resp: 671778
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 241.045 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

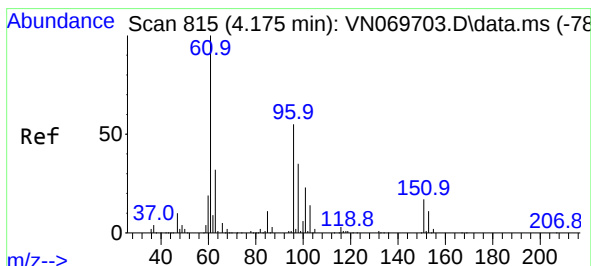
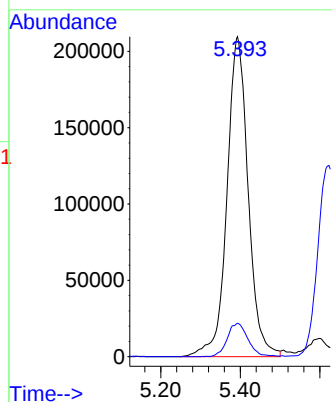
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 776209
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

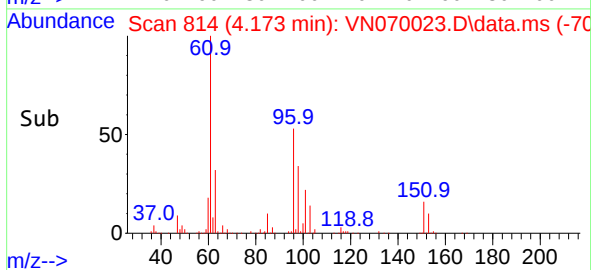
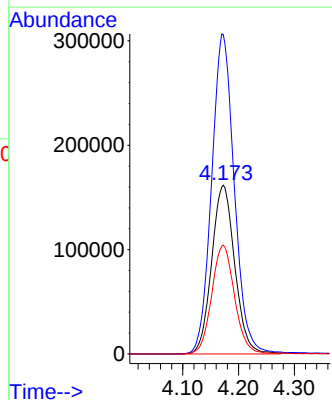
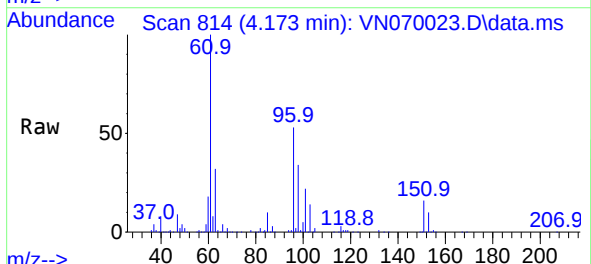
Manual Integrations
APPROVED

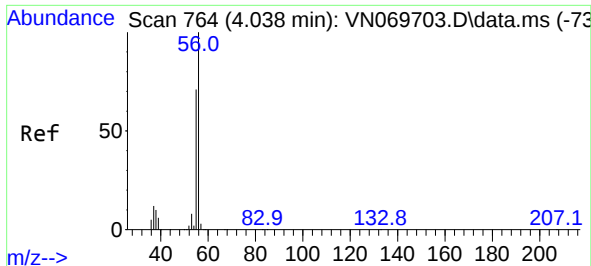
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 44.324 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

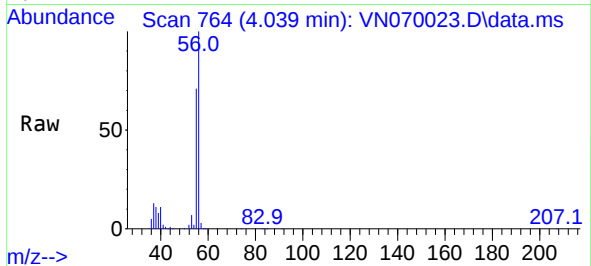
Tgt Ion: 96 Resp: 465834
Ion Ratio Lower Upper
96 100
61 189.2 131.0 196.6
98 64.4 52.4 78.6





#13
Acrolein
Concen: 243.013 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

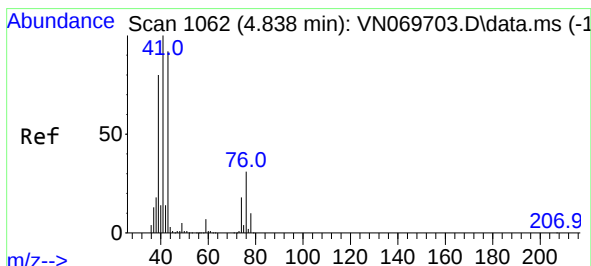
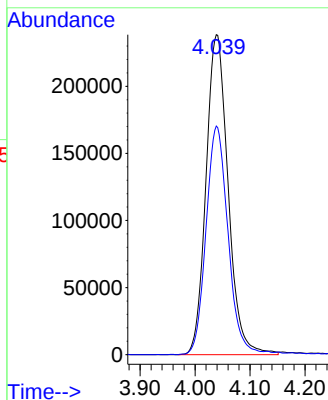
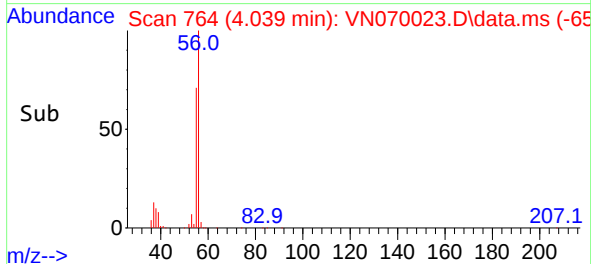
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



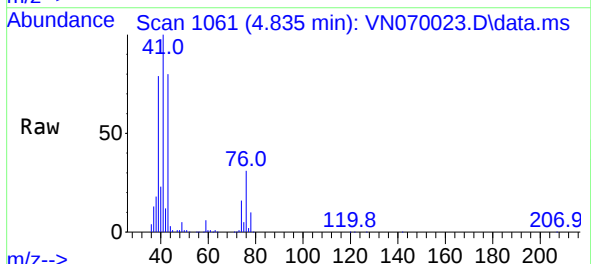
Tgt Ion: 56 Resp: 666405
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

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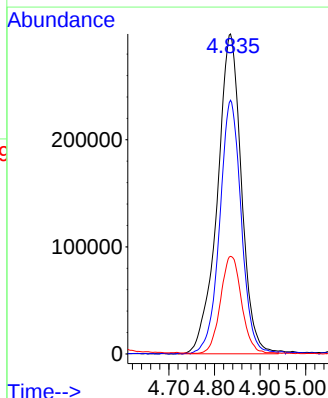
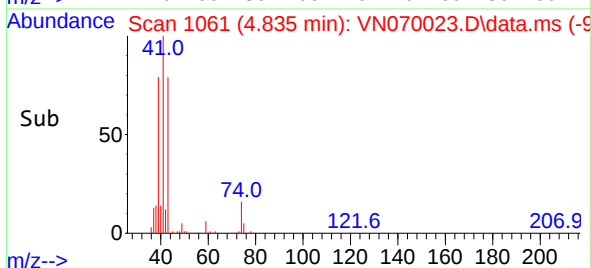
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

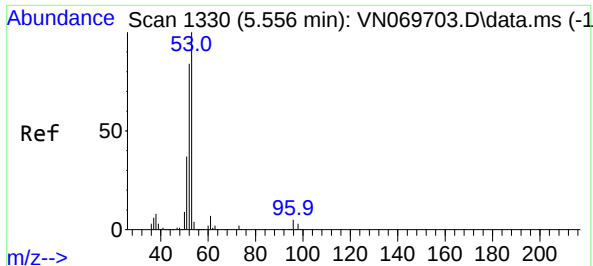


#14
Allyl chloride
Concen: 46.236 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



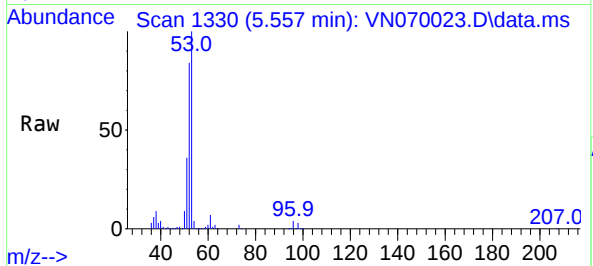
Tgt Ion: 41 Resp: 1094983
Ion Ratio Lower Upper
41 100
39 71.2 61.2 91.8
76 26.4 26.0 39.0





#15
Acrylonitrile
Concen: 242.186 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

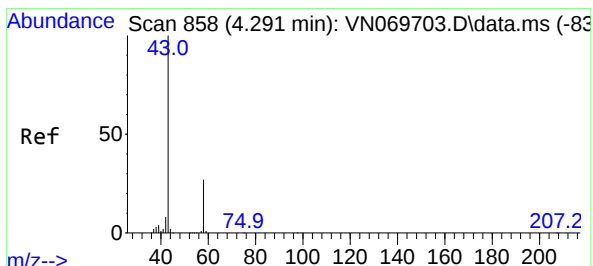
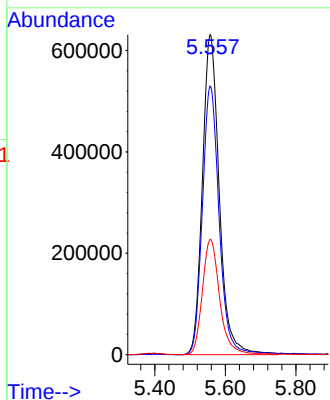
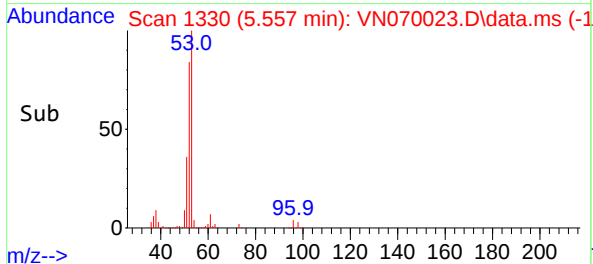
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



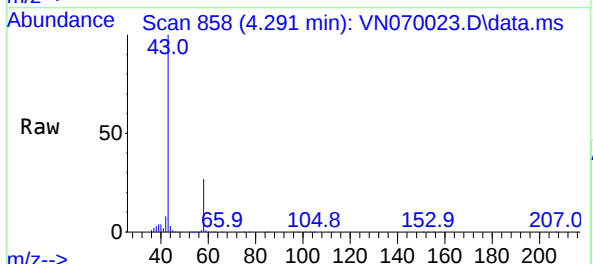
Tgt Ion: 53 Resp: 2101498
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 36.8 29.6 44.4

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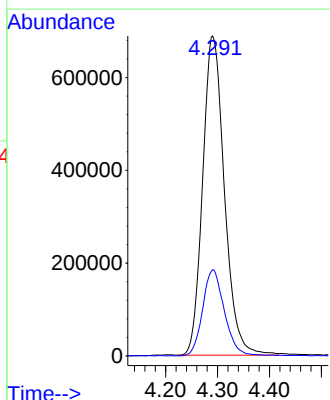
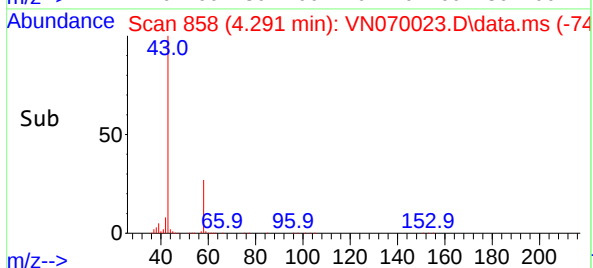
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

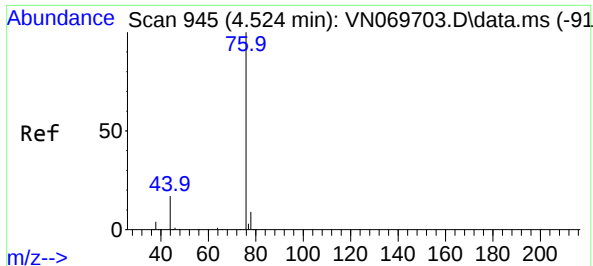


#16
Acetone
Concen: 195.414 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



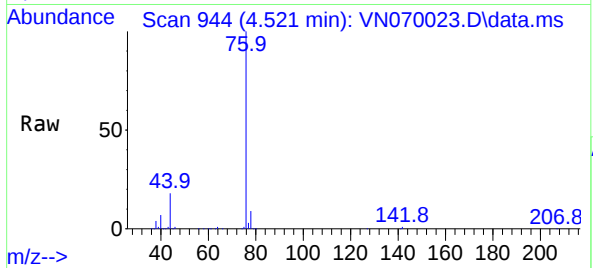
Tgt Ion: 43 Resp: 2002557
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 43.222 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

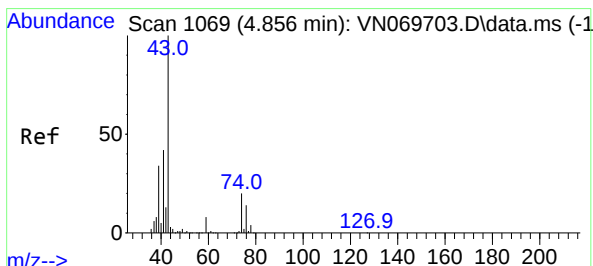
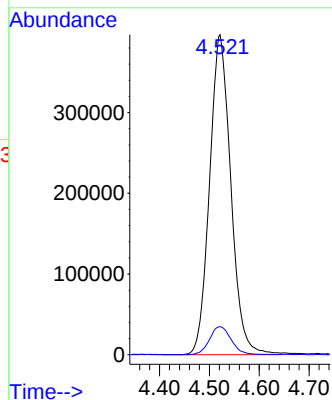
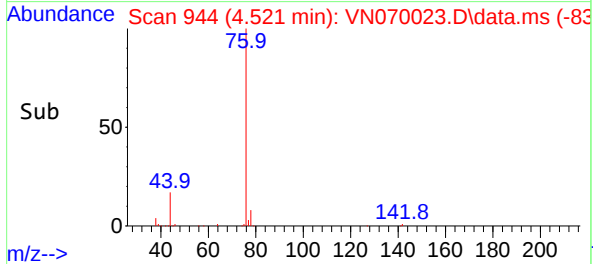
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



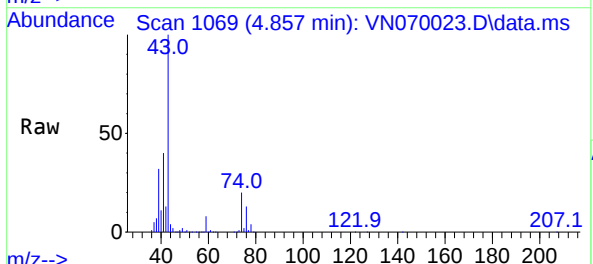
Tgt Ion: 76 Resp: 1173579
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

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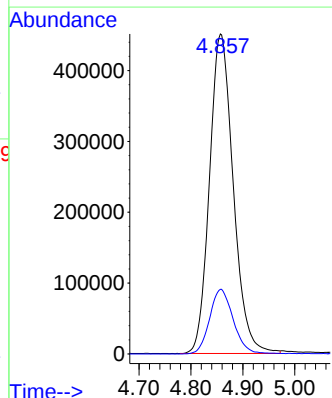
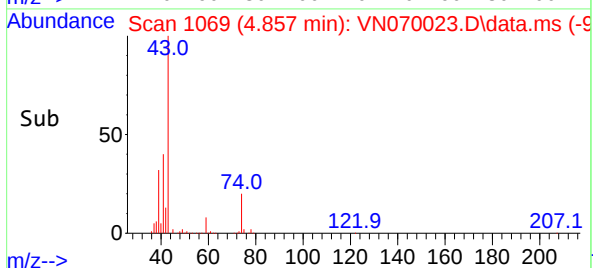
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

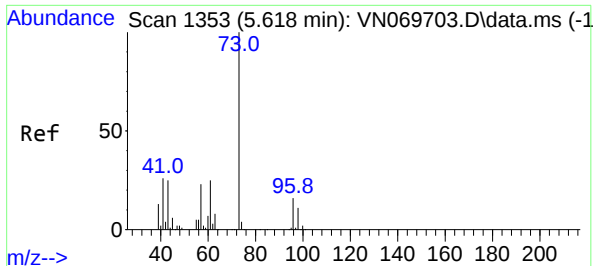


#18
Methyl Acetate
Concen: 46.438 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 43 Resp: 1436441
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.392 ug/l

RT: 5.621 min Scan# 1156

Delta R.T. 0.003 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 1936679

Ion Ratio Lower Upper

73 100

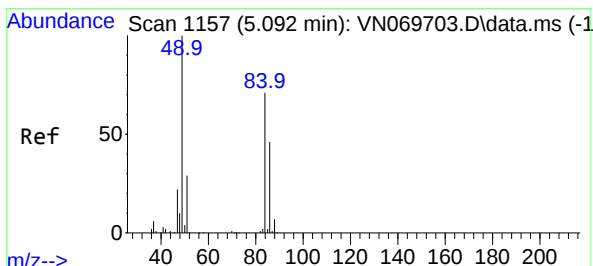
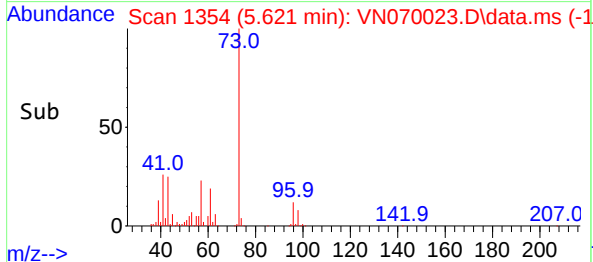
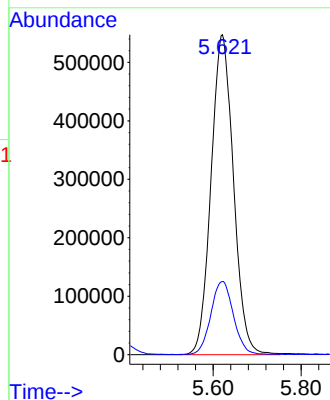
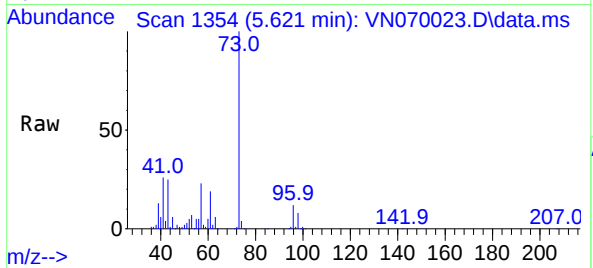
57 22.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 43.294 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

Tgt Ion: 84 Resp: 589810

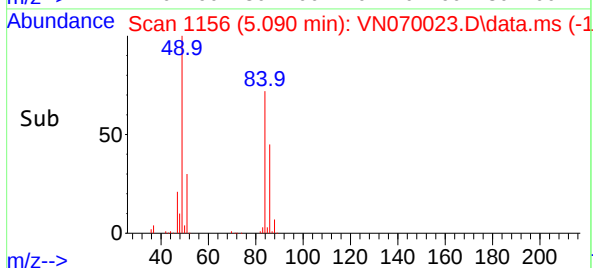
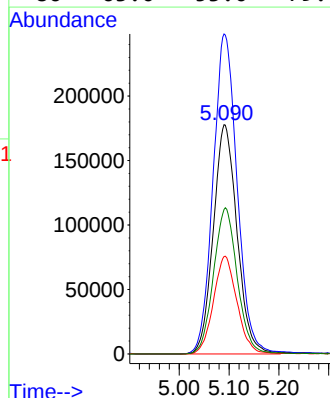
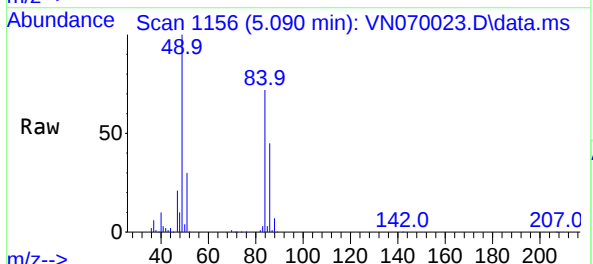
Ion Ratio Lower Upper

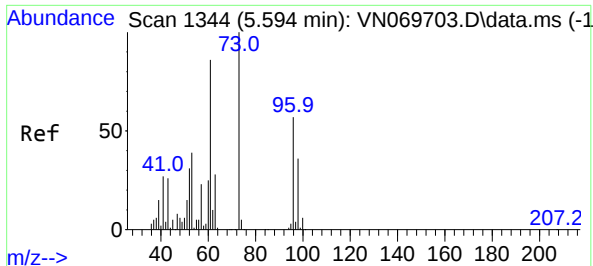
84 100

49 139.5 93.5 140.3

51 42.5 29.4 44.2

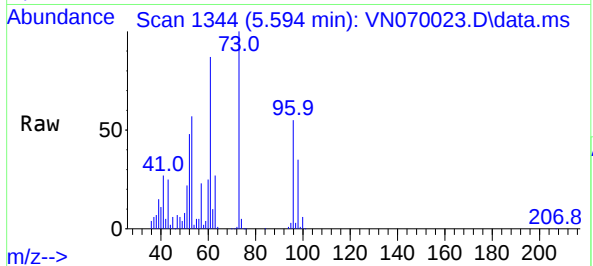
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 42.779 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

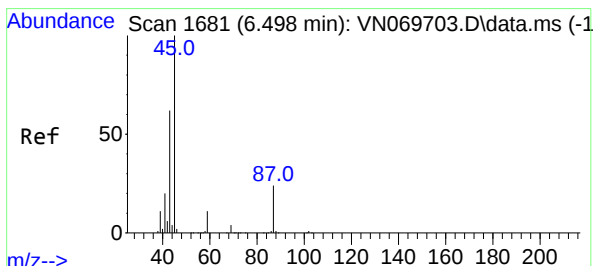
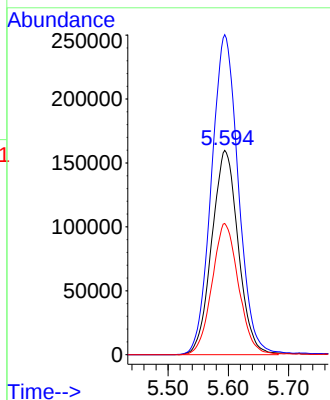
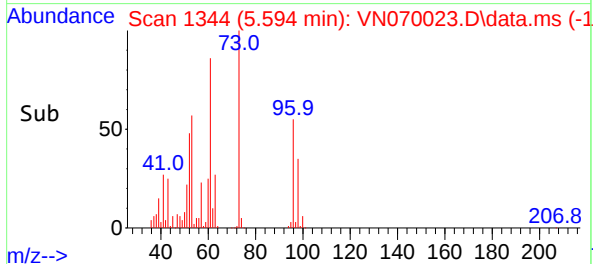
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



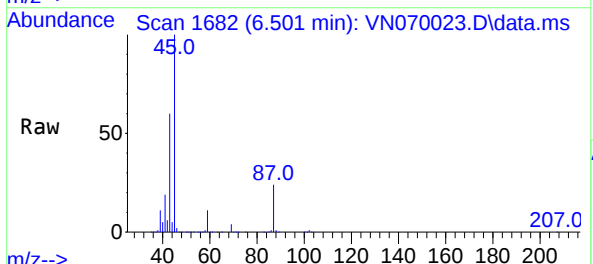
Tgt Ion: 96 Resp: 488340
Ion Ratio Lower Upper
96 100
61 156.5 105.8 158.6
98 64.2 52.0 78.0

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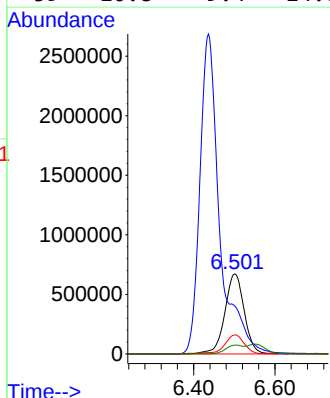
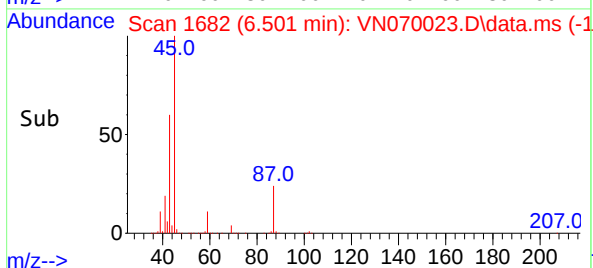
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

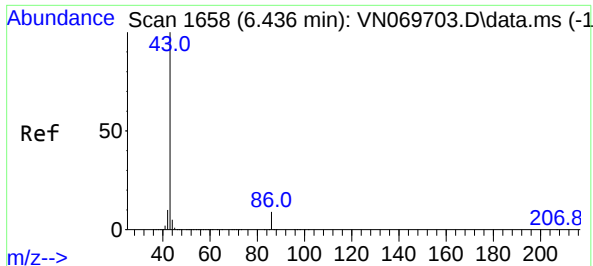


#22
Diisopropyl ether
Concen: 48.160 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 45 Resp: 2229281
Ion Ratio Lower Upper
45 100
43 60.0 51.7 77.5
87 23.6 23.2 34.8
59 10.8 9.4 14.0





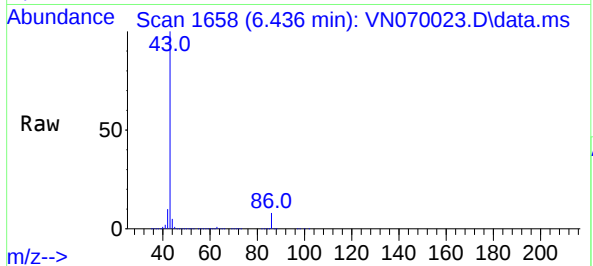
#23
 Vinyl Acetate
 Concen: 240.751 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070023.D
 Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



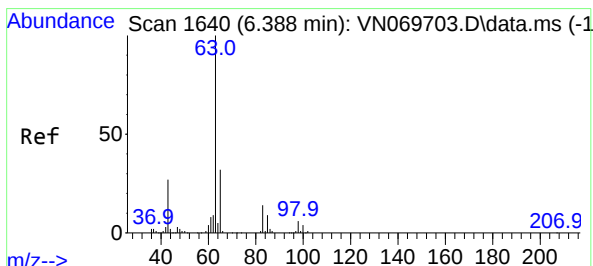
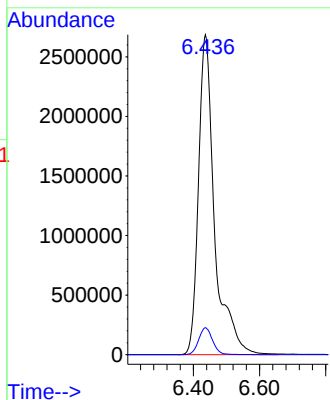
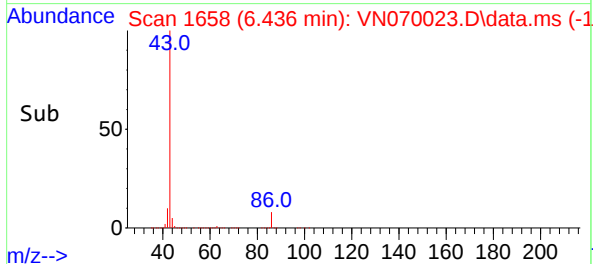
Tgt Ion: 43 Resp: 906638
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations

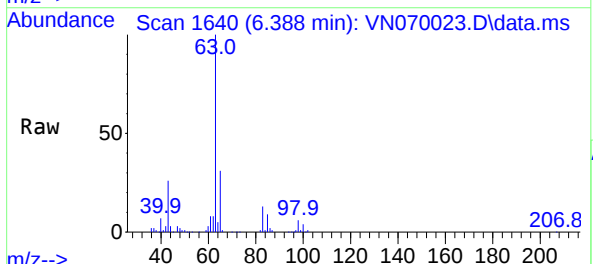
APPROVED

Reviewed By :John Carlone 12/13/2021

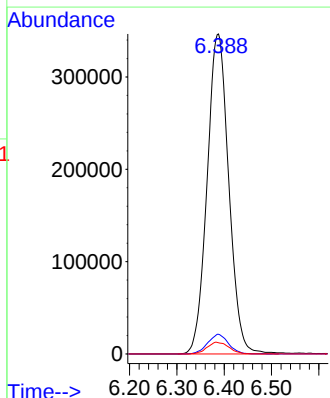
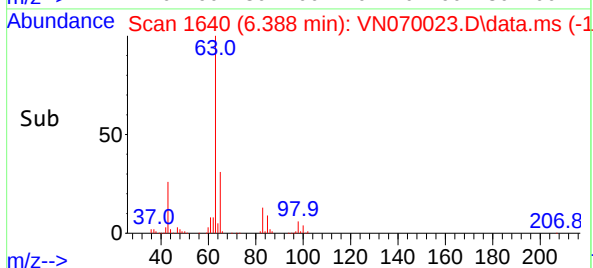
Supervised By :Mahesh Dadoda 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 46.006 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070023.D
 Acq: 11 Dec 2021 21:36



Tgt Ion: 63 Resp: 1103135
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 226.883 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 315905

Ion Ratio Lower Upper

43 100

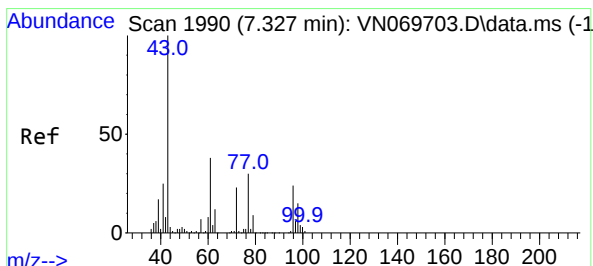
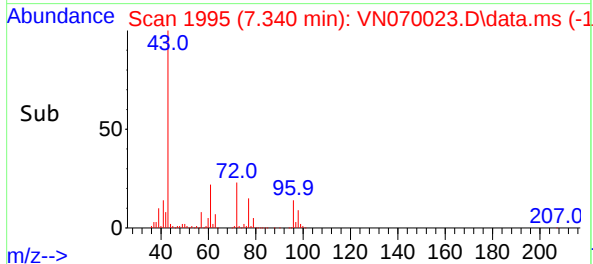
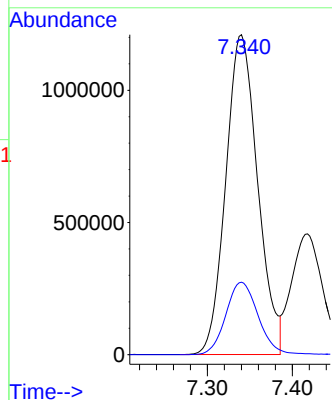
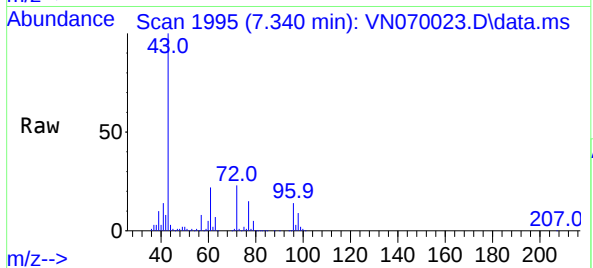
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 37.993 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070023.D

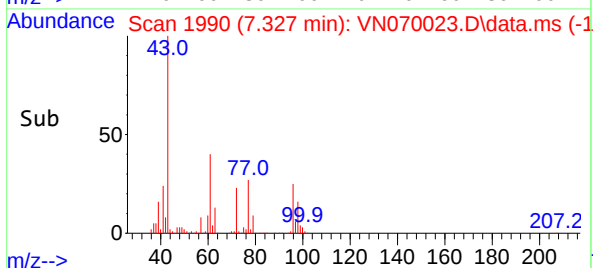
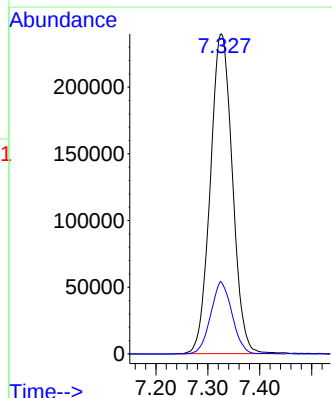
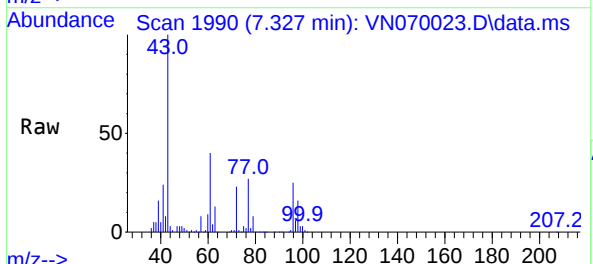
Acq: 11 Dec 2021 21:36

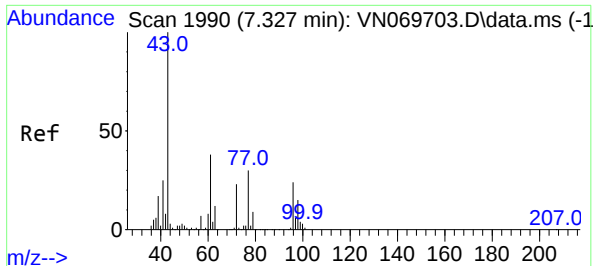
Tgt Ion: 77 Resp: 708317

Ion Ratio Lower Upper

77 100

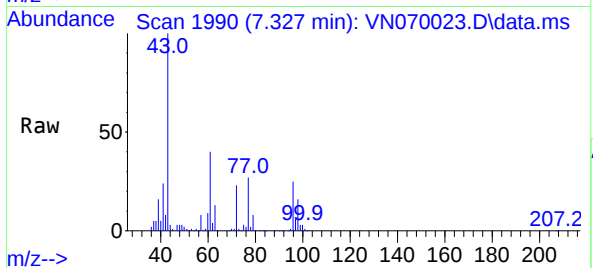
97 21.9 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 44.280 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

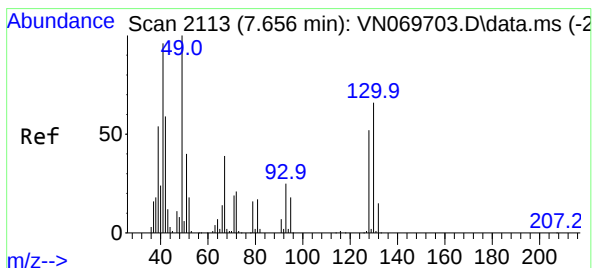
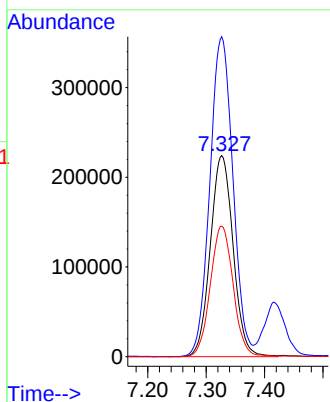
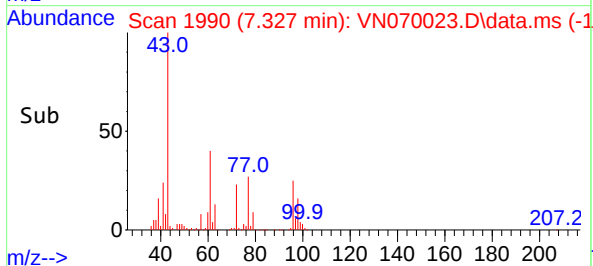
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 610700
Ion Ratio Lower Upper
96 100
61 160.2 0.0 275.0
98 65.0 0.0 129.6

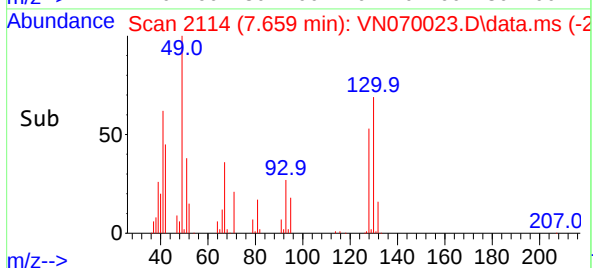
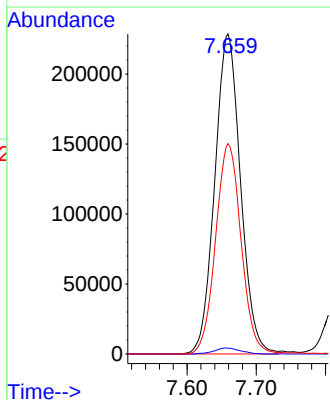
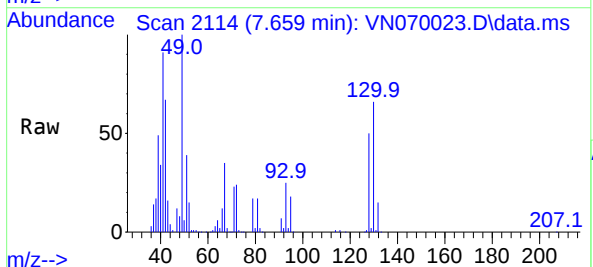
Manual Integrations
APPROVED

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



#28
Bromochloromethane
Concen: 47.435 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Tgt Ion: 49 Resp: 591470
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 64.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 241.936 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 2045524

Ion Ratio Lower Upper

42 100

72 37.5 36.3 54.5

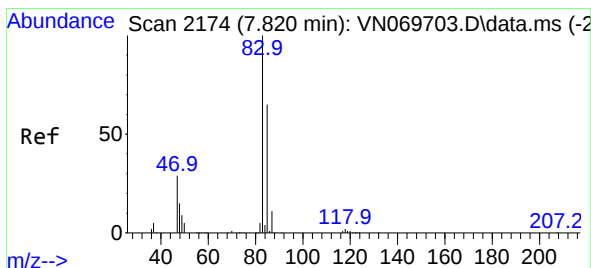
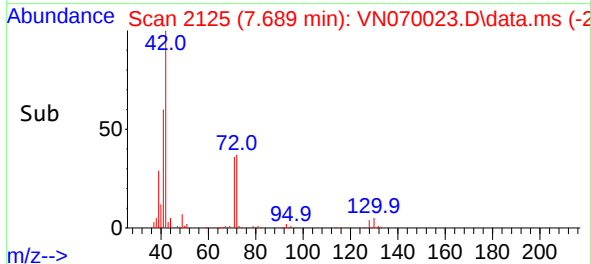
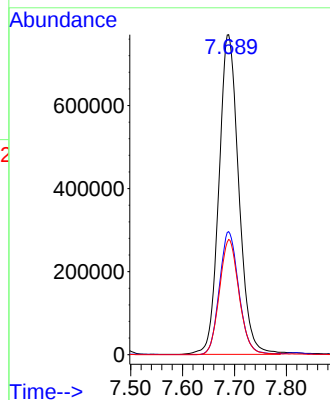
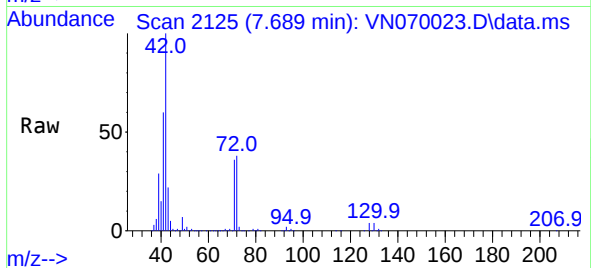
71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 45.224 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN070023.D

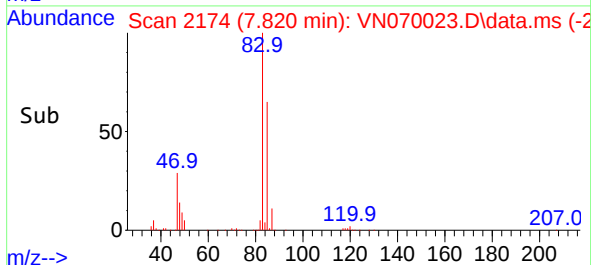
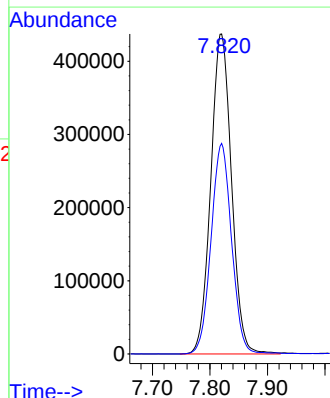
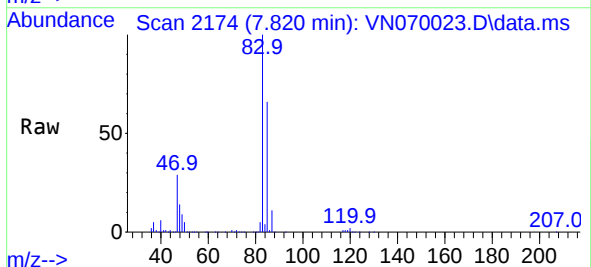
Acq: 11 Dec 2021 21:36

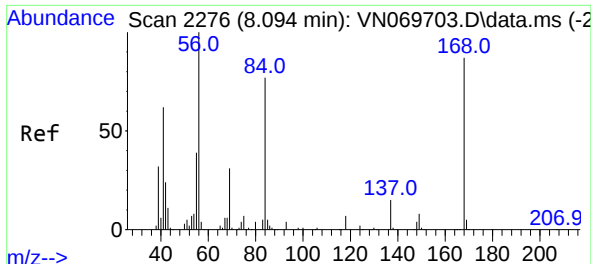
Tgt Ion: 83 Resp: 1095168

Ion Ratio Lower Upper

83 100

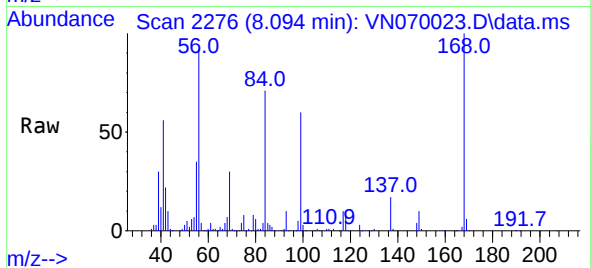
85 65.8 51.9 77.9





#31
Cyclohexane
Concen: 41.955 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

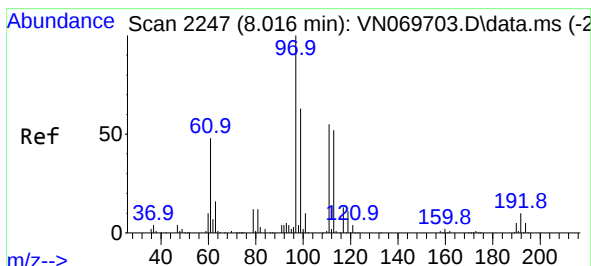
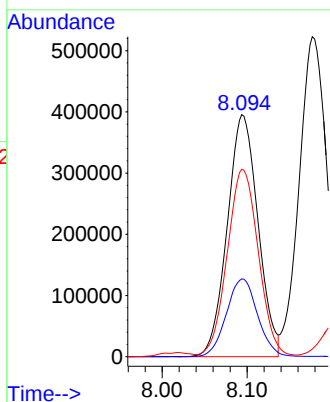
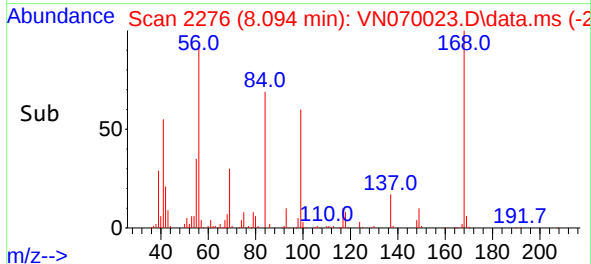
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



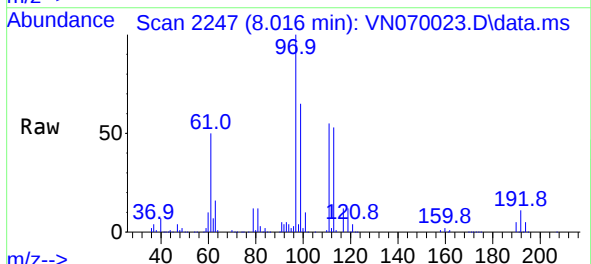
Tgt Ion: 56 Resp: 99465
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 75.7 73.4 110.0

Manual Integrations
APPROVED

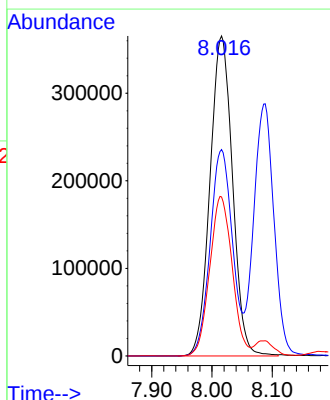
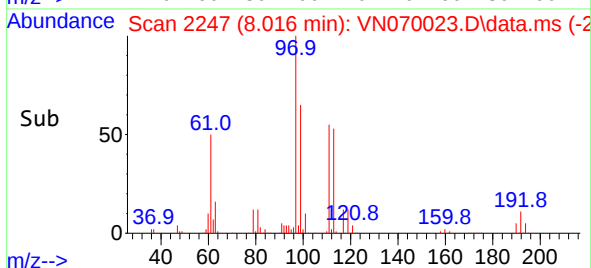
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

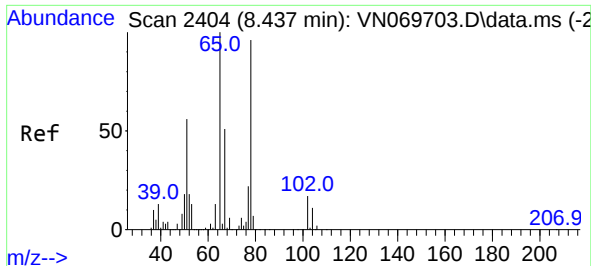


#32
1,1,1-Trichloroethane
Concen: 45.904 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 97 Resp: 946901
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 49.8 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 44.705 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

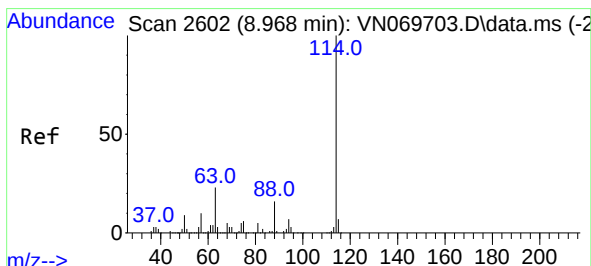
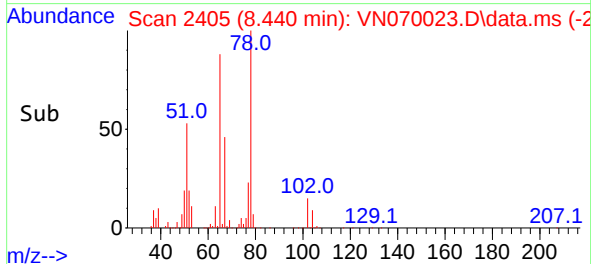
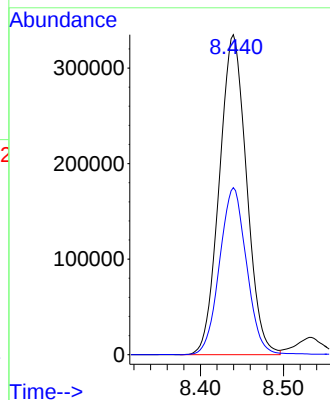
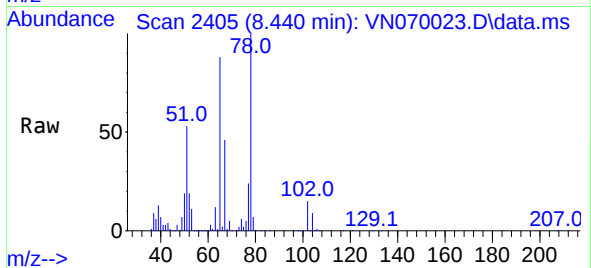
VSTDCCC050EC

Tgt Ion: 65 Resp: 761588
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

Manual Integrations

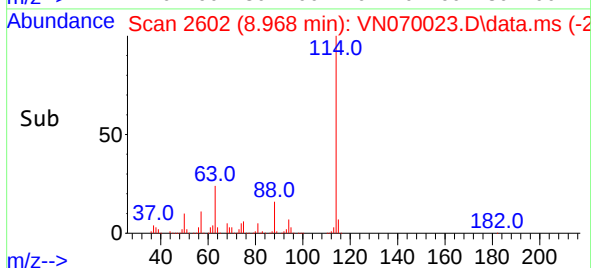
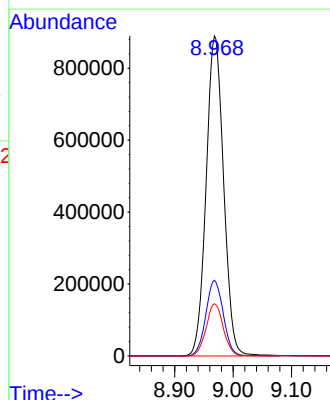
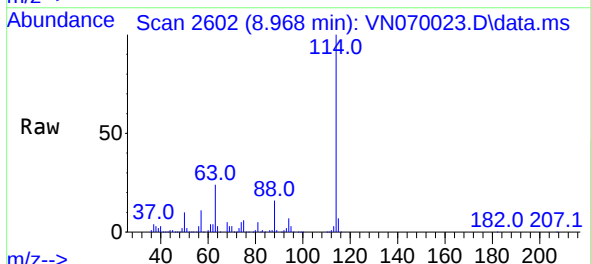
APPROVED

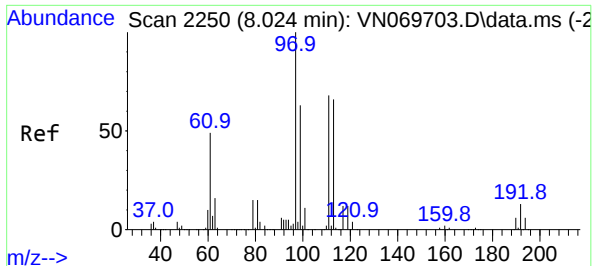
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

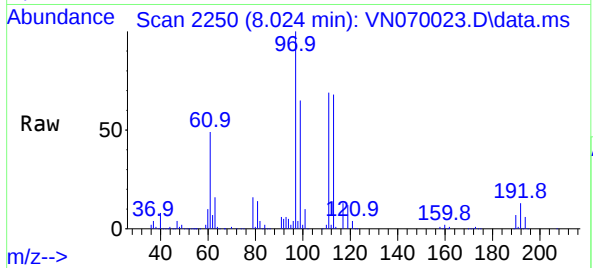
Tgt Ion:114 Resp: 1851972
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.920 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

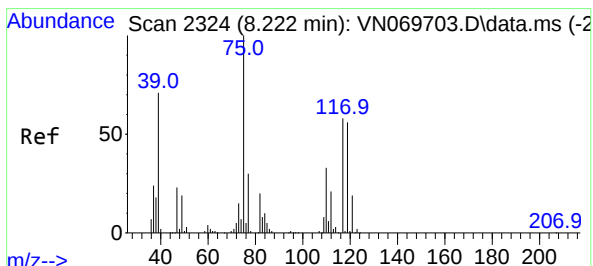
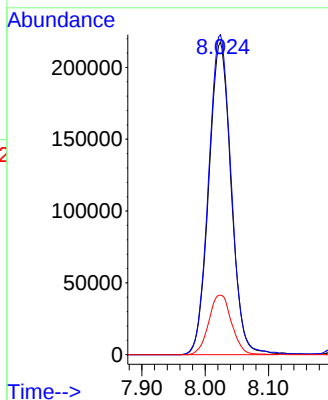
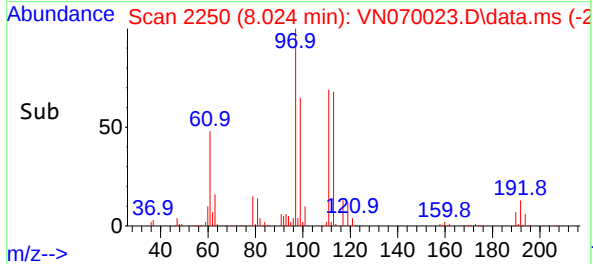
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



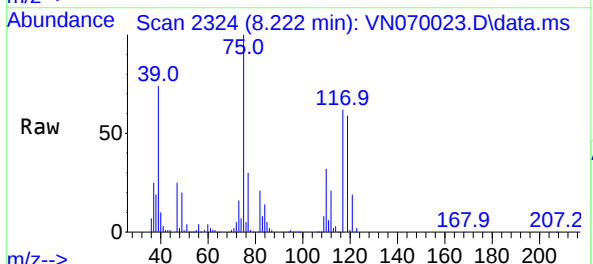
Tgt Ion:113 Resp: 532692
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
APPROVED

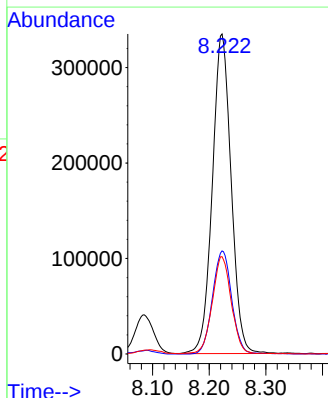
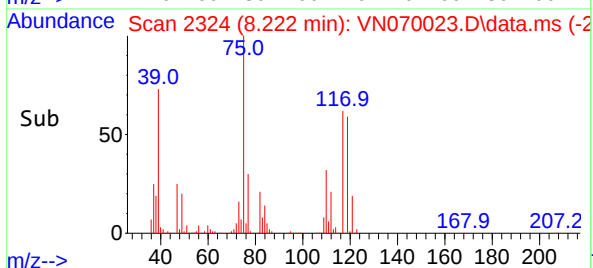
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

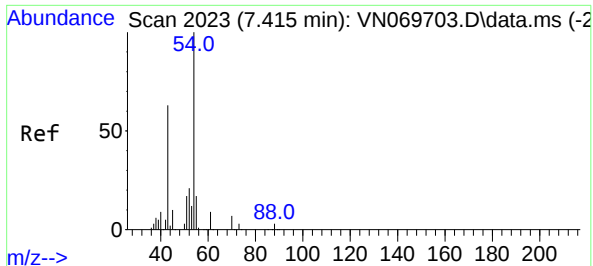


#36
1,1-Dichloropropene
Concen: 43.812 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 75 Resp: 772410
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 45.157 ug/l

RT: 7.418 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 118494

Ion Ratio Lower Upper

43 100

61 12.6 11.5 17.3

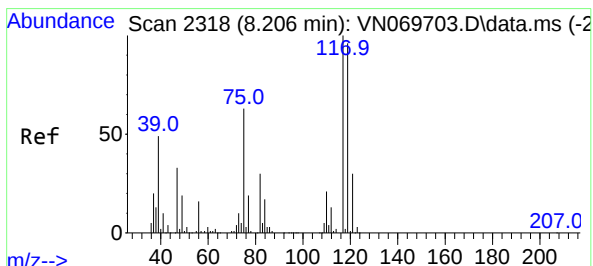
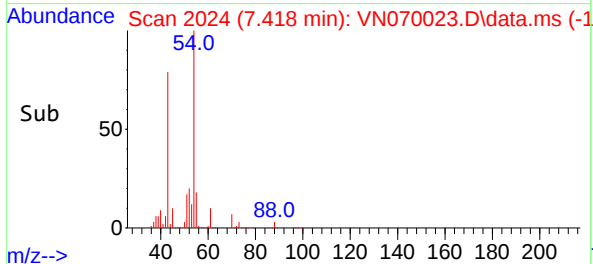
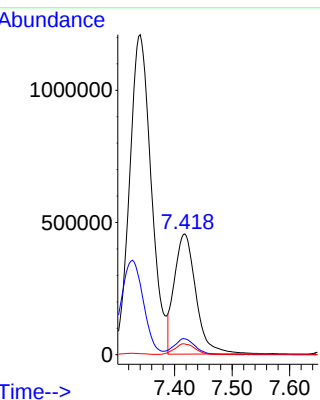
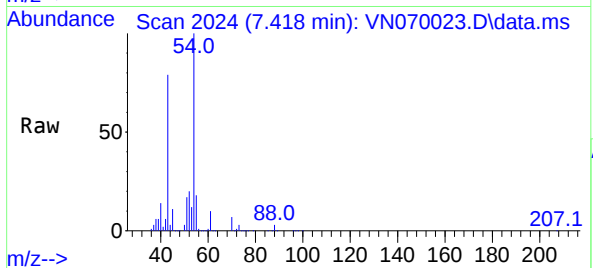
70 8.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 46.218 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

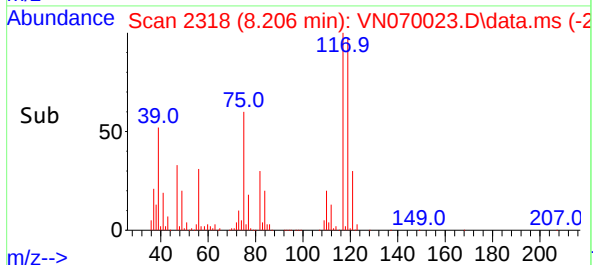
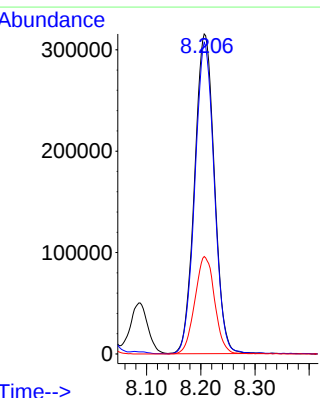
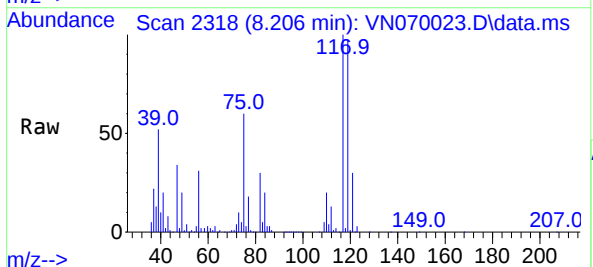
Tgt Ion:117 Resp: 799035

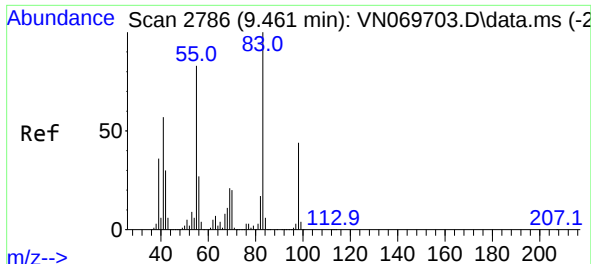
Ion Ratio Lower Upper

117 100

119 97.4 76.1 114.1

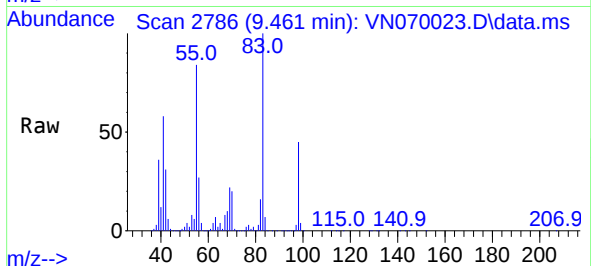
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 43.468 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

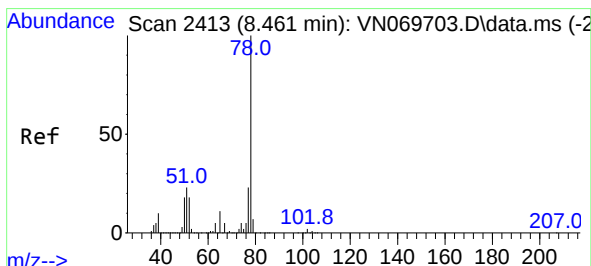
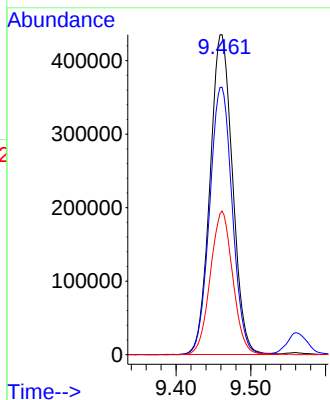
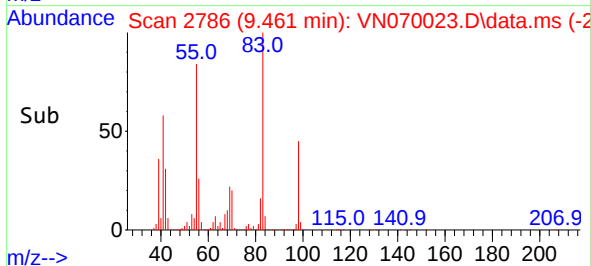
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



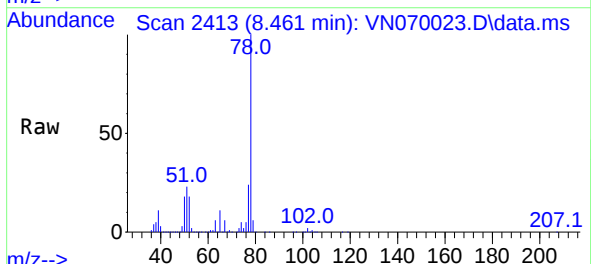
Tgt Ion: 83 Resp: 911550
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 44.9 38.4 57.6

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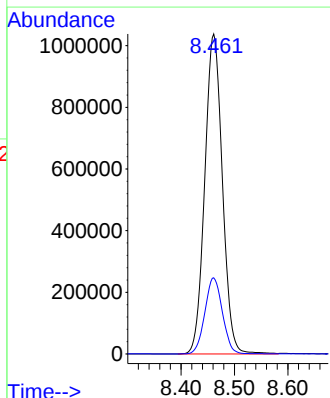
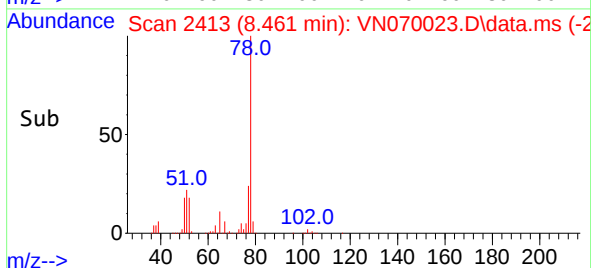
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

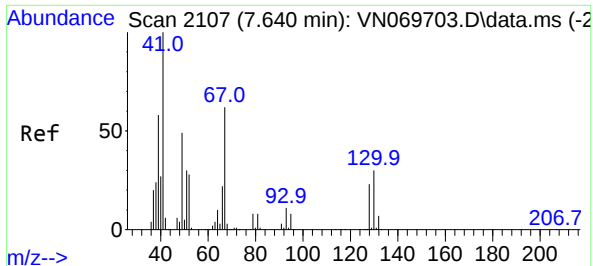


#40
Benzene
Concen: 44.122 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



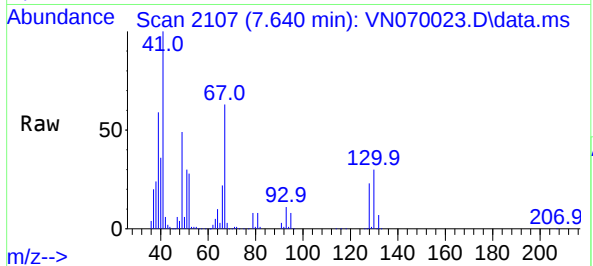
Tgt Ion: 78 Resp: 2377665
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 48.493 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

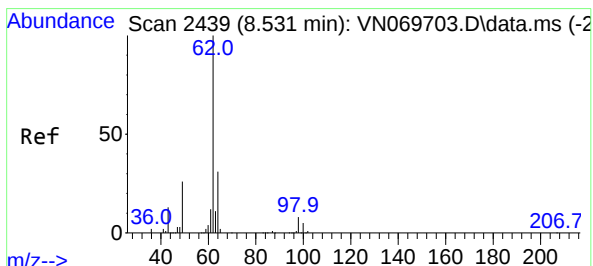
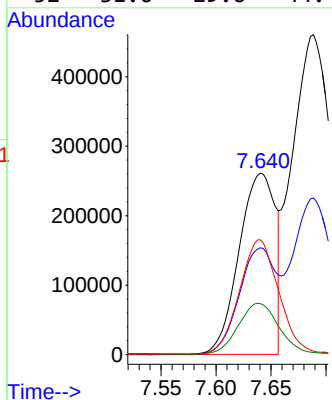
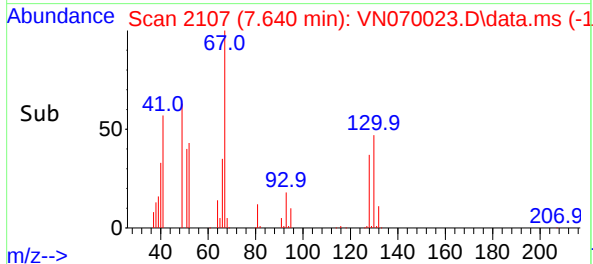
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 597344
Ion Ratio Lower Upper
41 100
39 61.0 48.1 72.1
67 69.7 68.3 102.5
52 31.6 29.6 44.4

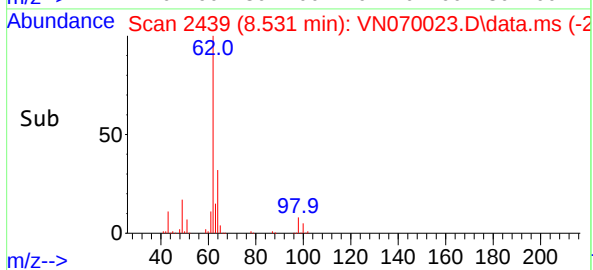
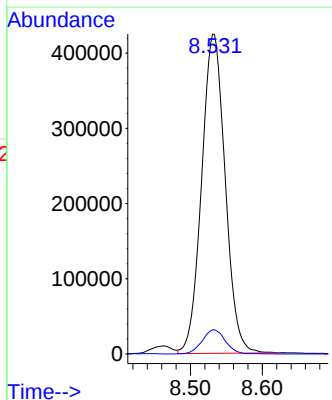
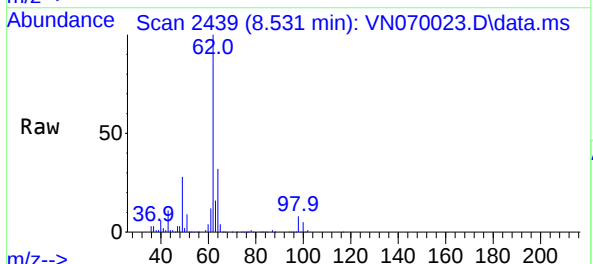
Manual Integrations
APPROVED

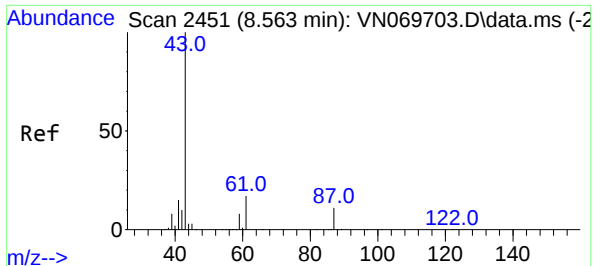
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 44.452 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Tgt Ion: 62 Resp: 967004
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





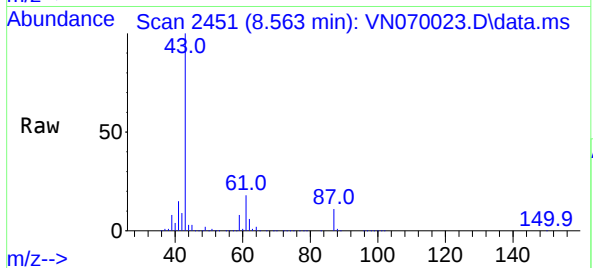
#43
Isopropyl Acetate
Concen: 47.725 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 185321

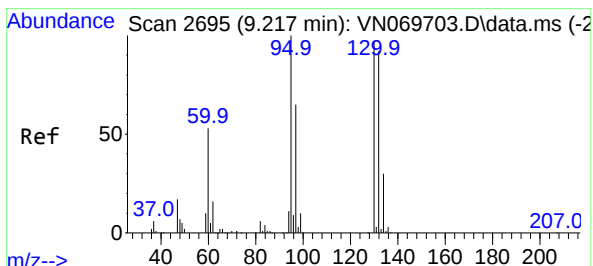
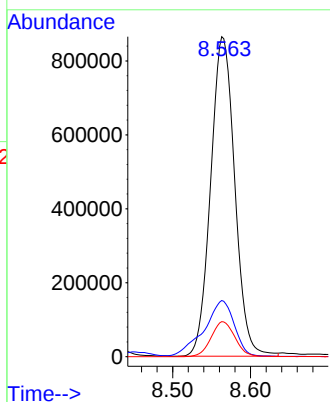
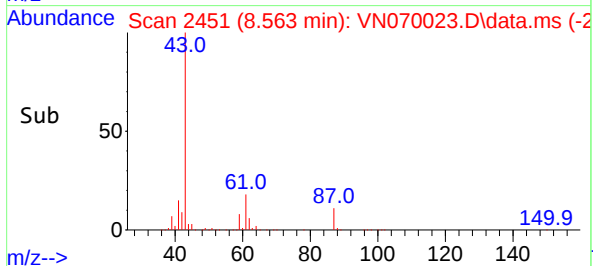
Ion	Ratio	Lower	Upper
43	100		
61	22.1	20.4	30.6
87	10.9	11.2	16.8

Manual Integrations

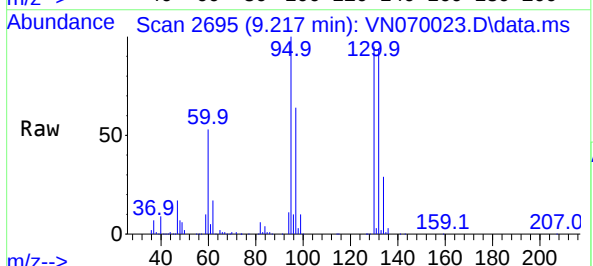
APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021

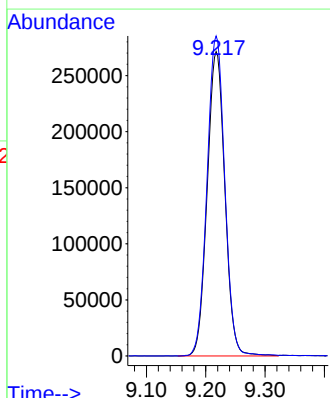
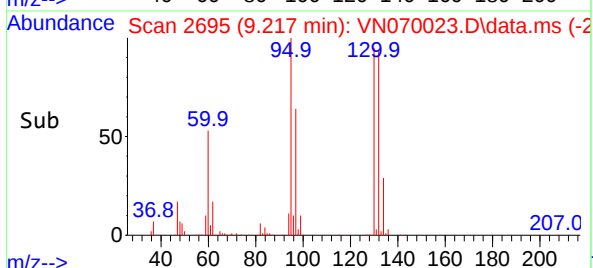


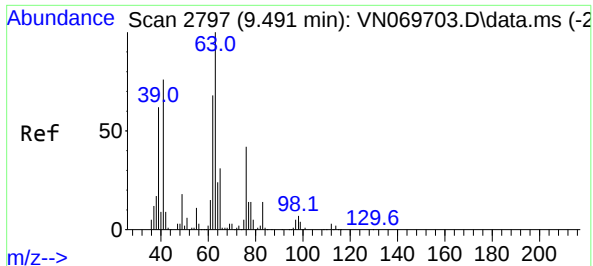
#44
Trichloroethene
Concen: 43.574 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion:130 Resp: 560459

Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	191.2





#45

1,2-Dichloropropane

Concen: 45.333 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 656024

Ion Ratio Lower Upper

63 100

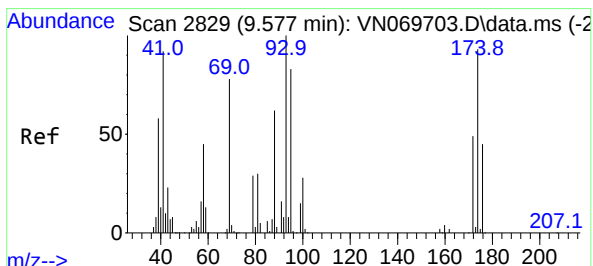
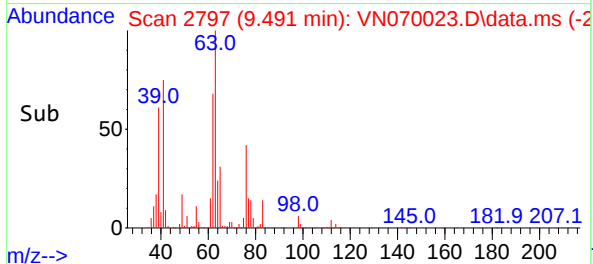
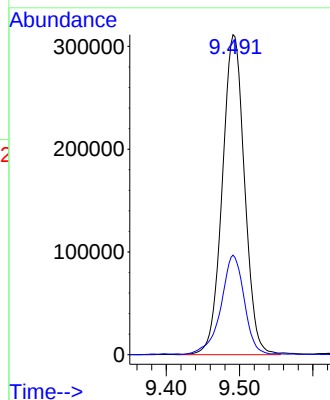
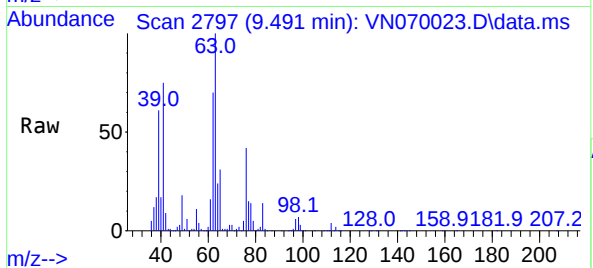
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 45.544 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VN070023.D

Acq: 11 Dec 2021 21:36

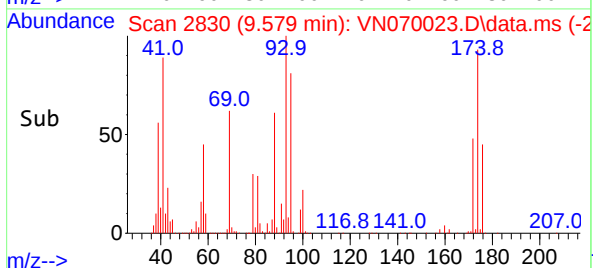
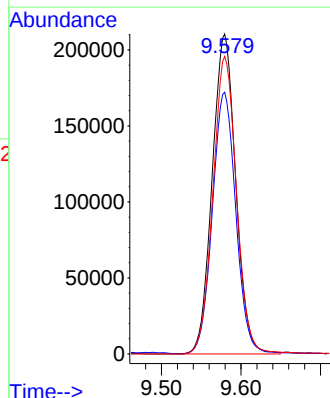
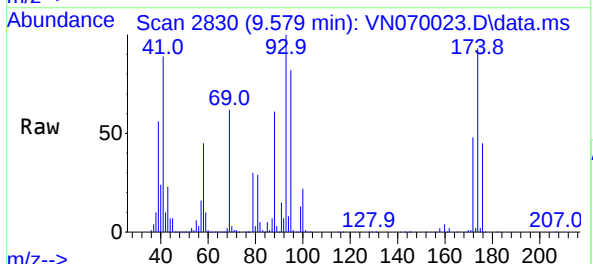
Tgt Ion: 93 Resp: 432244

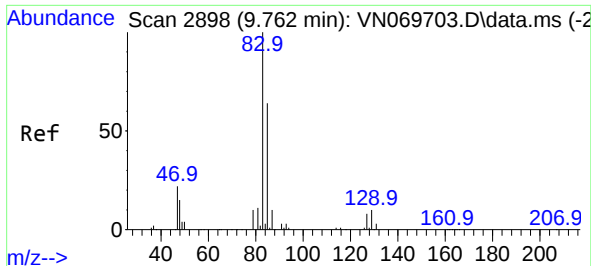
Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

174 93.9 84.6 127.0





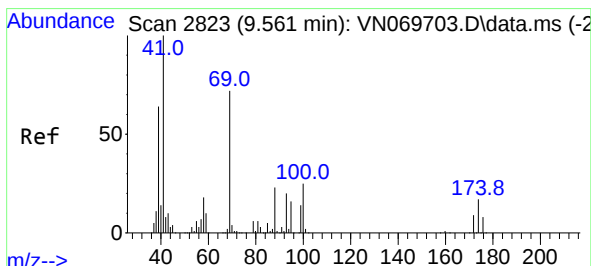
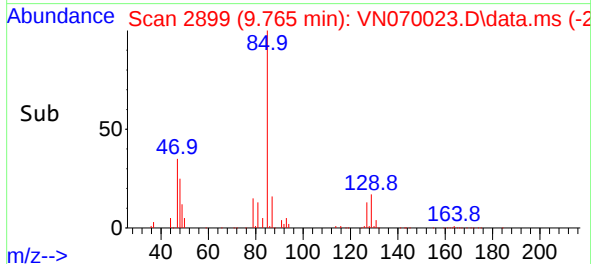
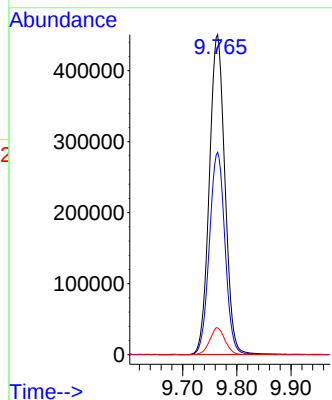
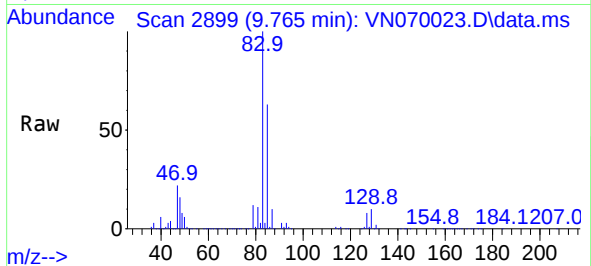
#47
Bromodichloromethane
Concen: 50.056 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 899459
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.4 7.1 10.7

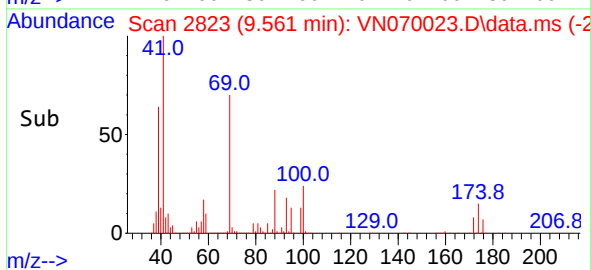
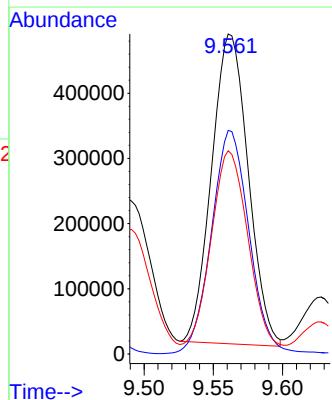
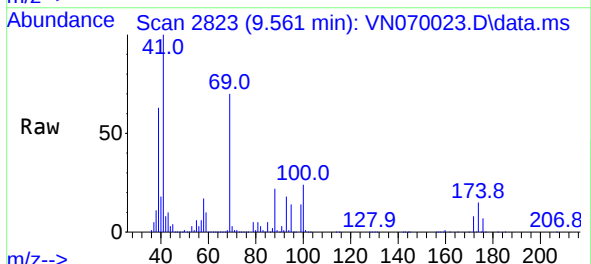
Manual Integrations
APPROVED

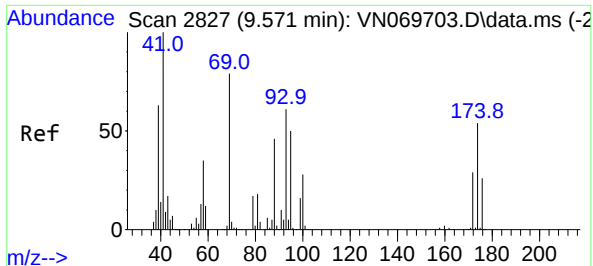
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 48.194 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

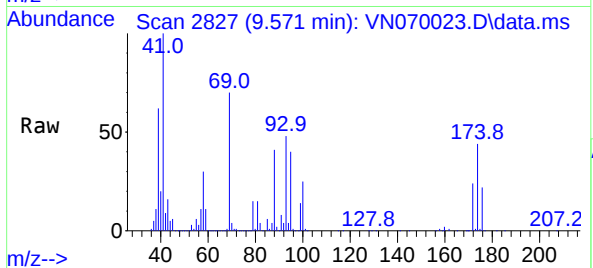
Tgt Ion: 41 Resp: 873352
Ion Ratio Lower Upper
41 100
69 74.3 72.4 108.6
39 67.9 58.4 87.6





#49
1,4-Dioxane
Concen: 984.154 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

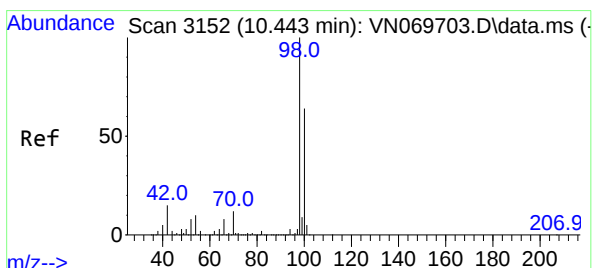
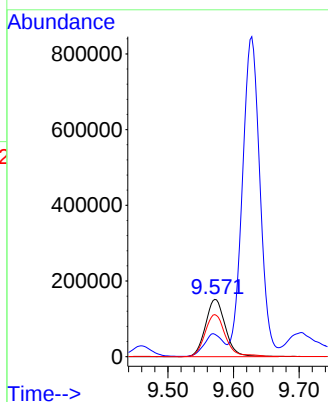
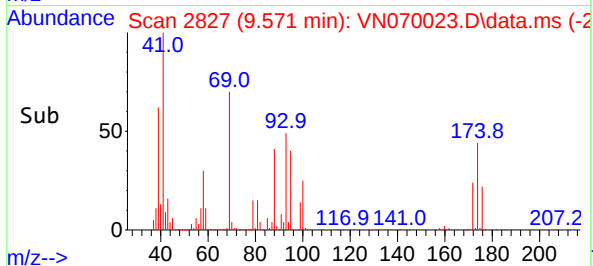
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



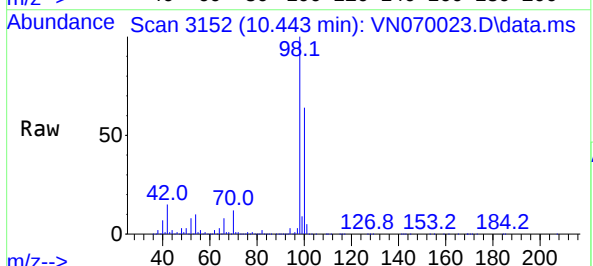
Tgt Ion: 88 Resp: 320000
Ion Ratio Lower Upper
88 100
43 37.1 23.4 35.2
58 76.4 50.6 75.8

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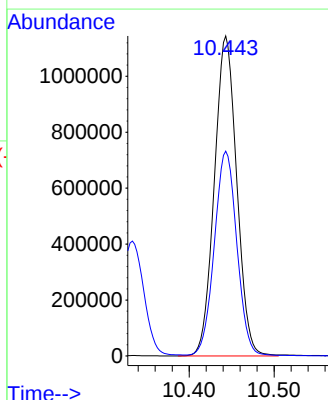
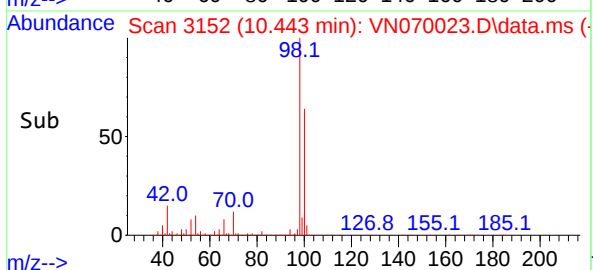
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

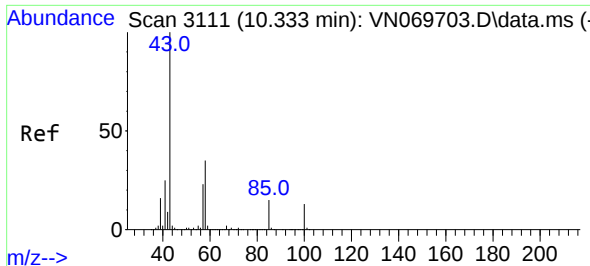


#50
Toluene-d8
Concen: 45.010 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



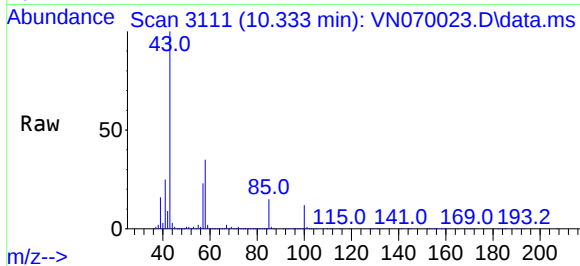
Tgt Ion: 98 Resp: 2096513
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 252.036 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

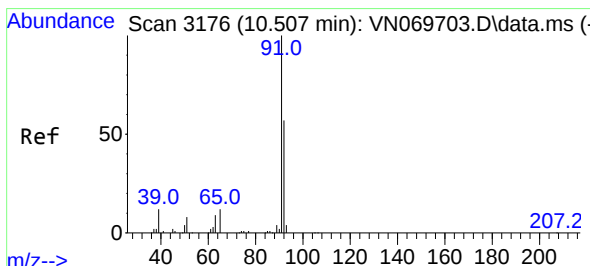
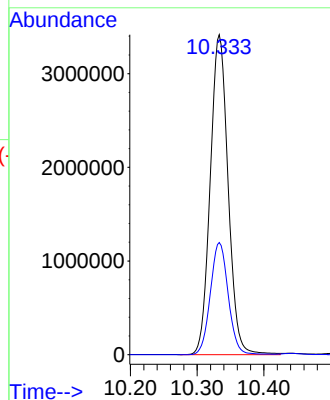
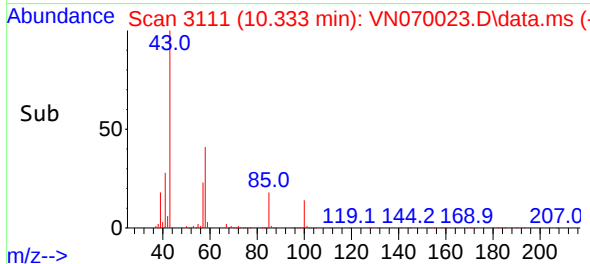
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



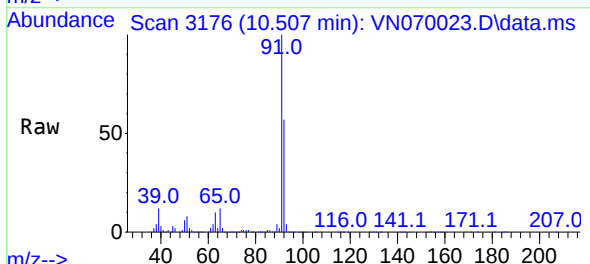
Tgt Ion: 43 Resp: 6349034
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

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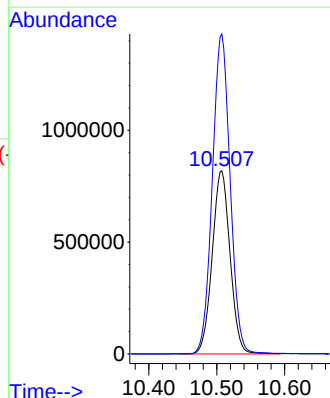
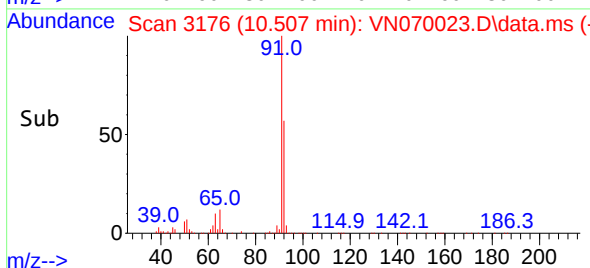
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

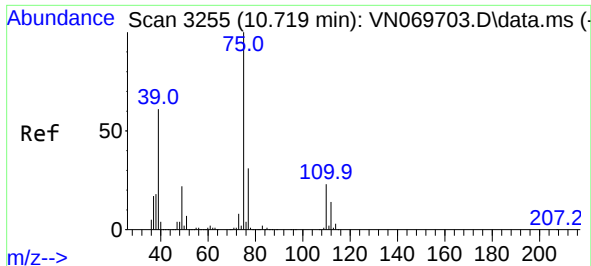


#52
Toluene
Concen: 45.278 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 92 Resp: 1489646
Ion Ratio Lower Upper
92 100
91 174.6 142.0 213.0





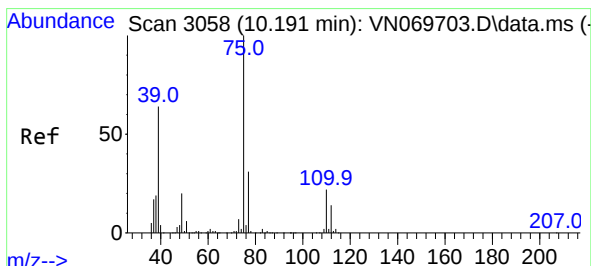
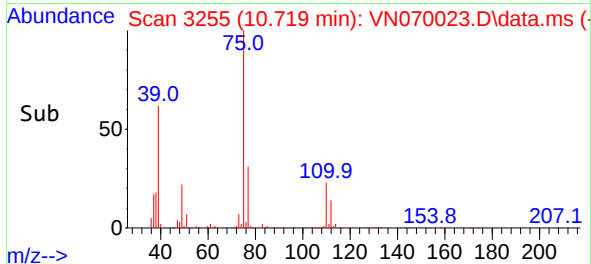
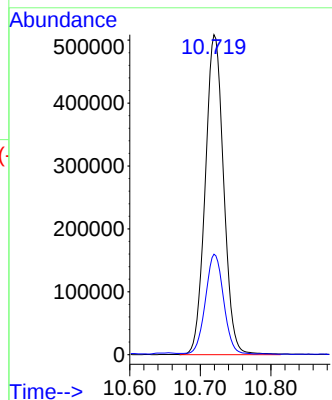
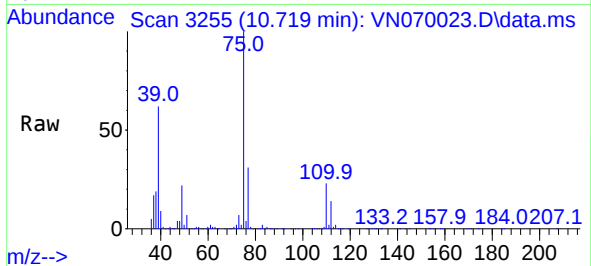
#53
 t-1,3-Dichloropropene
 Concen: 43.016 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN070023.D
 Acq: 11 Dec 2021 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 920875
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4

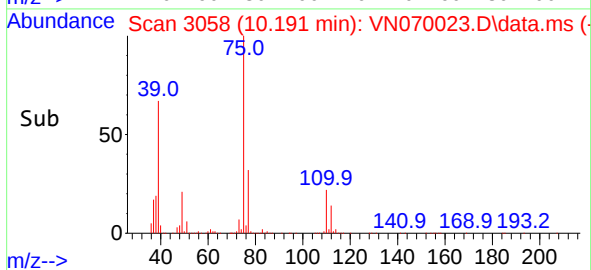
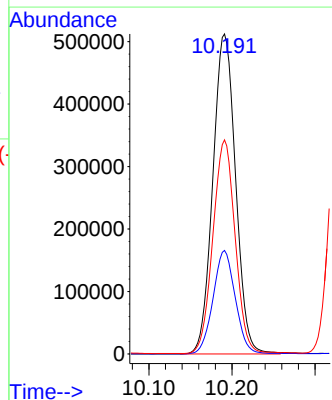
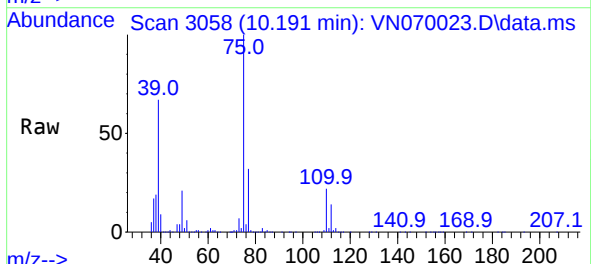
Manual Integrations
 APPROVED

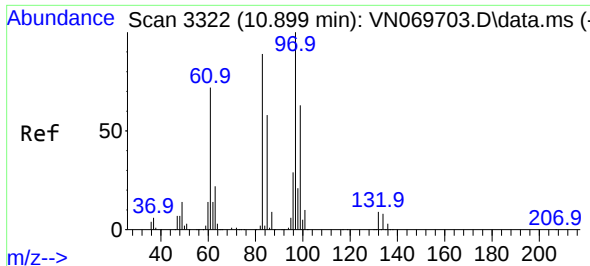
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#54
 cis-1,3-Dichloropropene
 Concen: 43.272 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN070023.D
 Acq: 11 Dec 2021 21:36

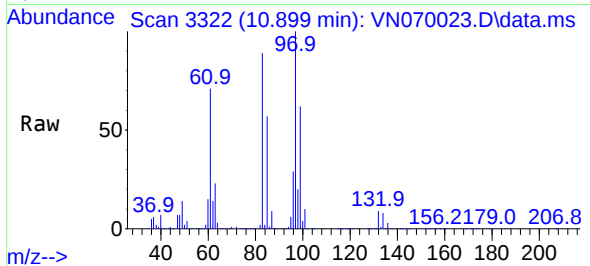
Tgt Ion: 75 Resp: 975292
 Ion Ratio Lower Upper
 75 100
 77 32.3 26.4 39.6
 39 66.7 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 46.061 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

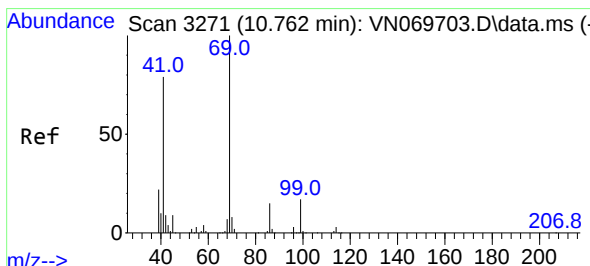
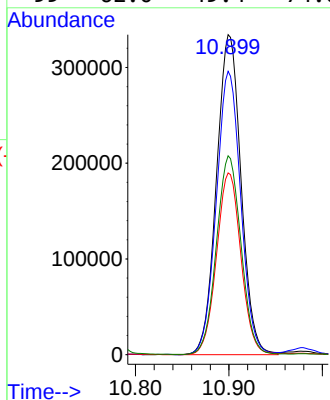
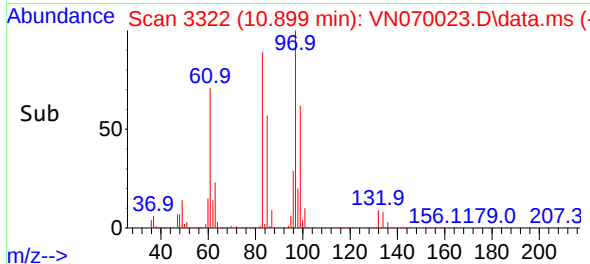
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



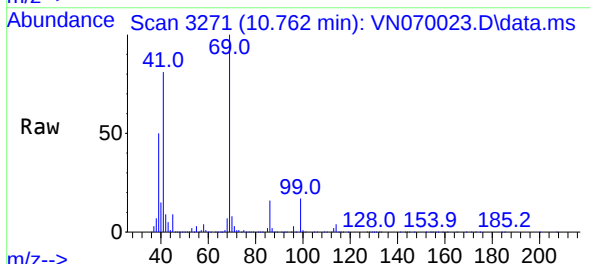
Tgt Ion: 97 Resp: 611440
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 56.8 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
APPROVED

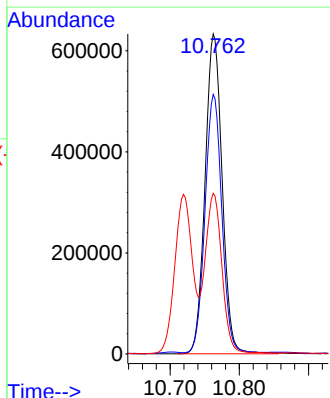
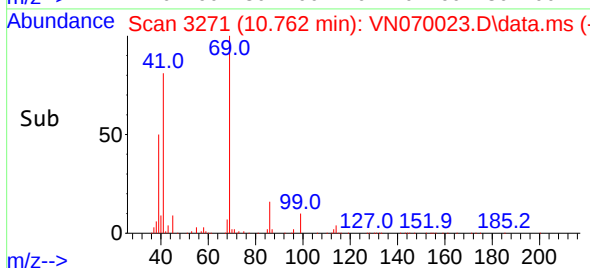
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

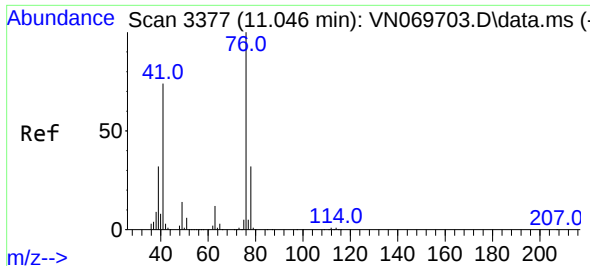


#56
Ethyl methacrylate
Concen: 43.591 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



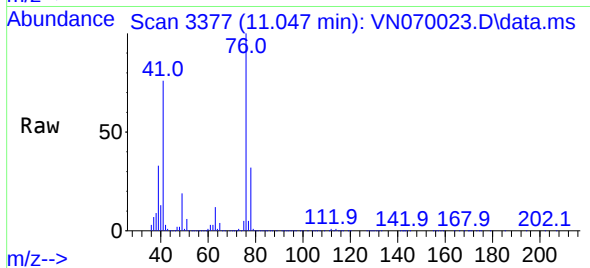
Tgt Ion: 69 Resp: 1084139
Ion Ratio Lower Upper
69 100
41 79.5 51.4 77.0#
39 48.0 34.6 52.0





#57
1,3-Dichloropropane
Concen: 45.617 ug/l
RT: 11.047 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

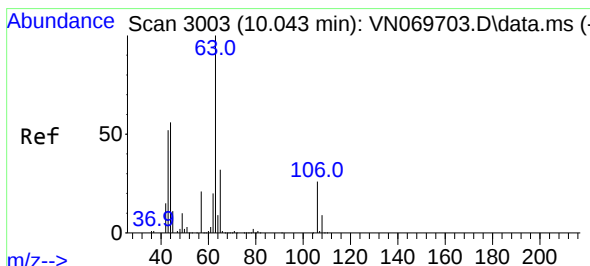
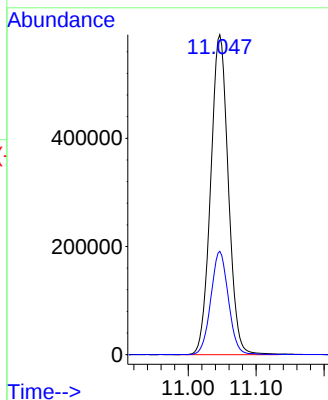
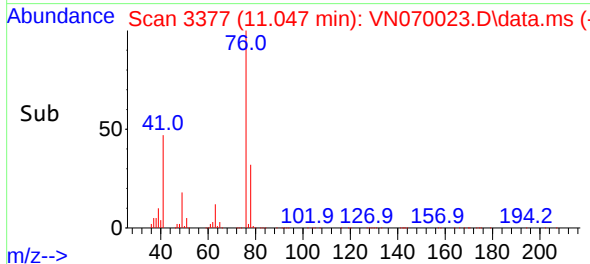
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



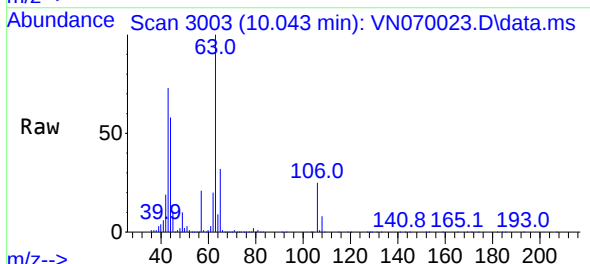
Tgt Ion: 76 Resp: 1066238
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
APPROVED

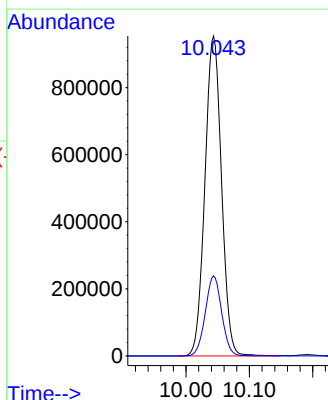
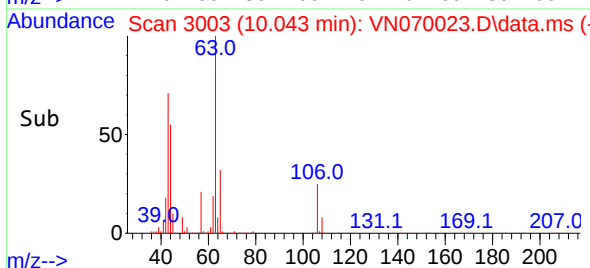
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

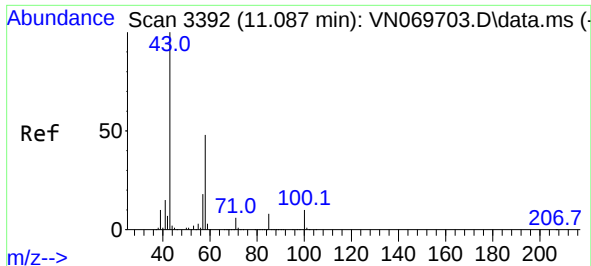


#58
2-Chloroethyl Vinyl ether
Concen: 255.761 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



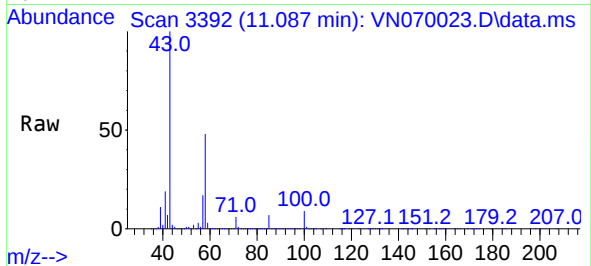
Tgt Ion: 63 Resp: 1733012
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 250.423 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

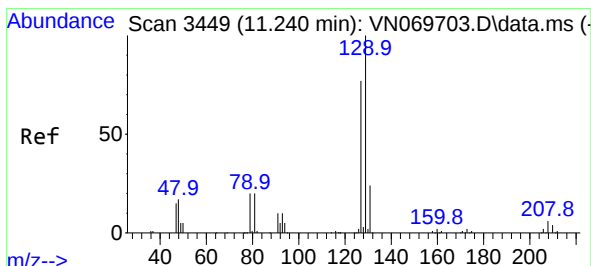
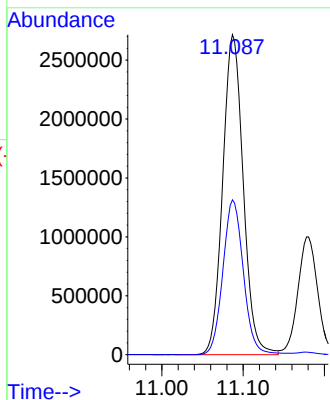
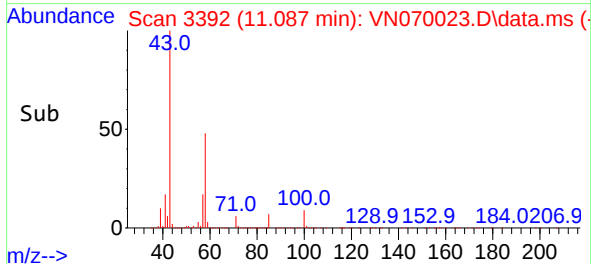
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



Tgt Ion: 43 Resp: 4772109
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

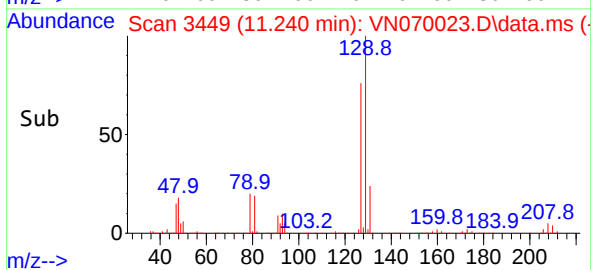
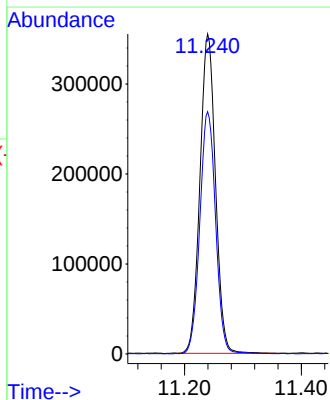
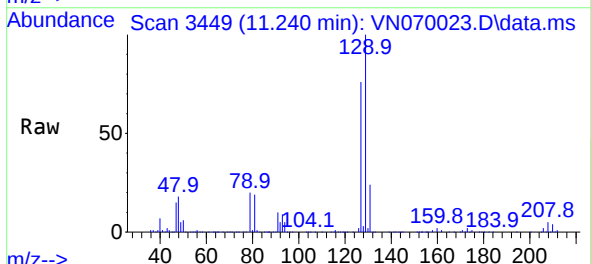
Manual Integrations
APPROVED

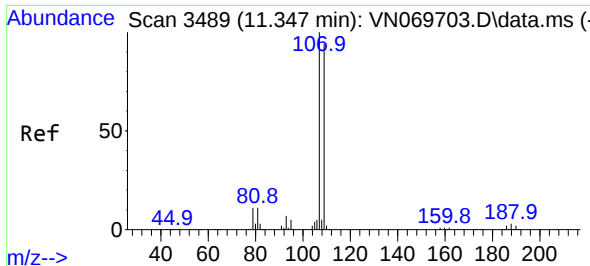
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 46.183 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Tgt Ion:129 Resp: 654158
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.118 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :

MSVOA_N

ClientSampleId :

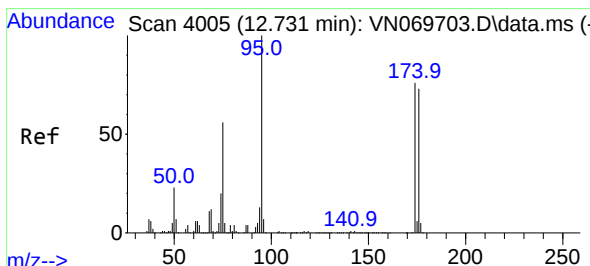
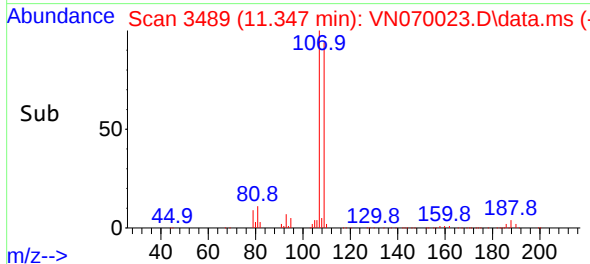
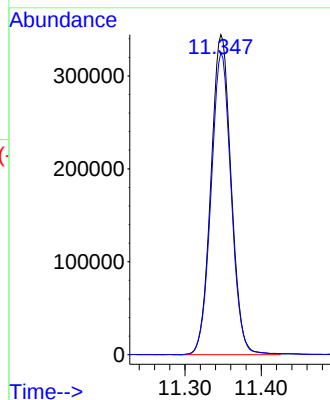
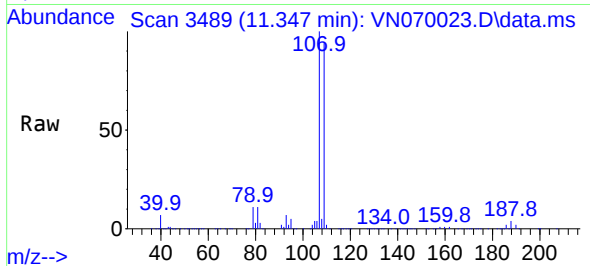
VSTDCCC050EC

Tgt Ion:107 Resp: 634086
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

Manual Integrations

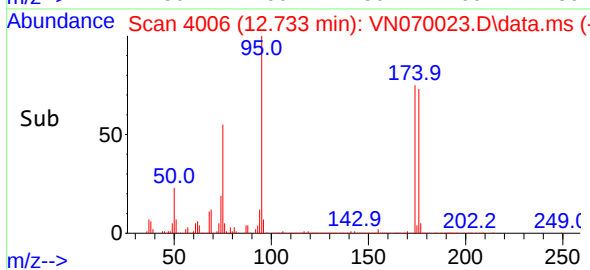
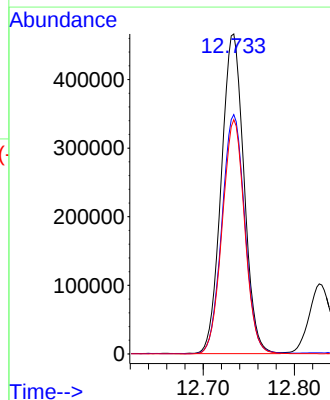
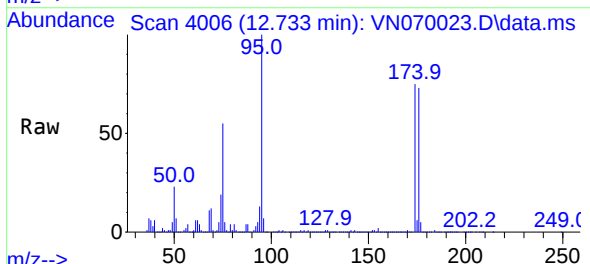
APPROVED

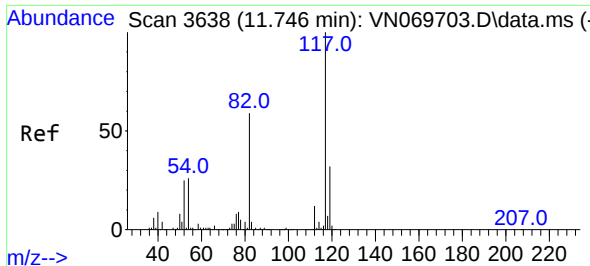
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 47.649 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

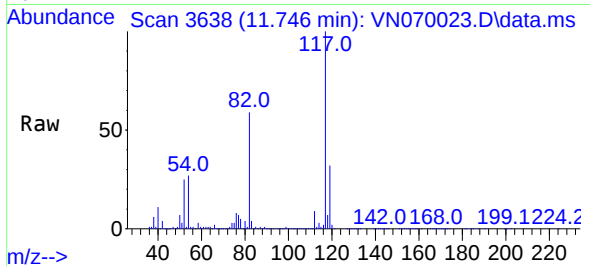
Tgt Ion: 95 Resp: 804059
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

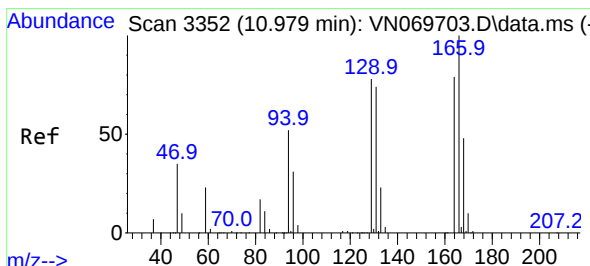
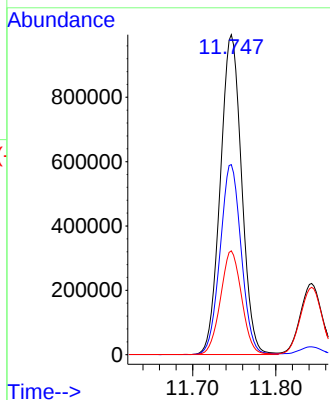
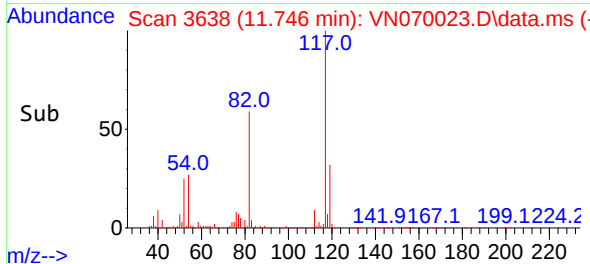
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



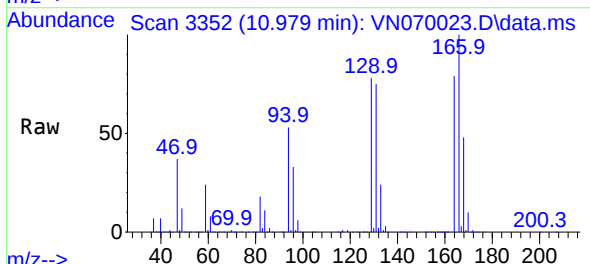
Tgt Ion:117 Resp: 177124
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

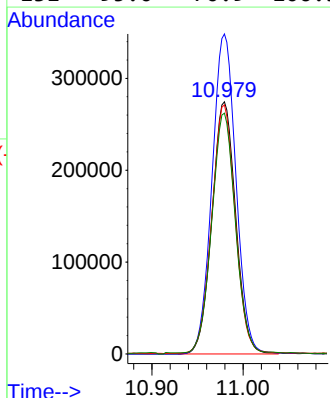
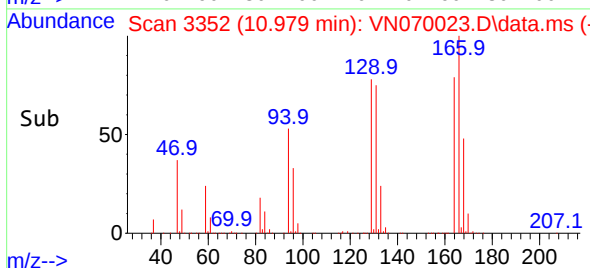
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

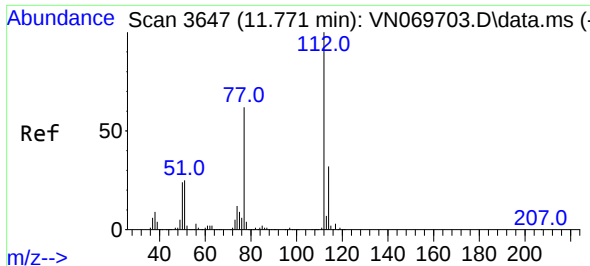


#64
Tetrachloroethene
Concen: 41.420 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion:164 Resp: 497466
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 98.5 72.0 108.0
131 95.0 70.9 106.3





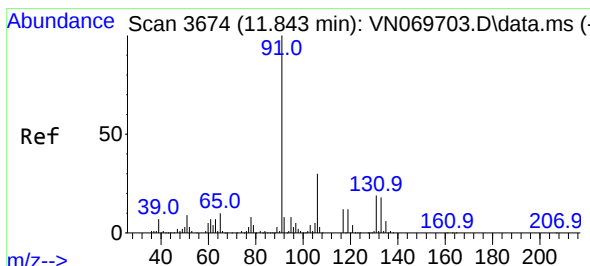
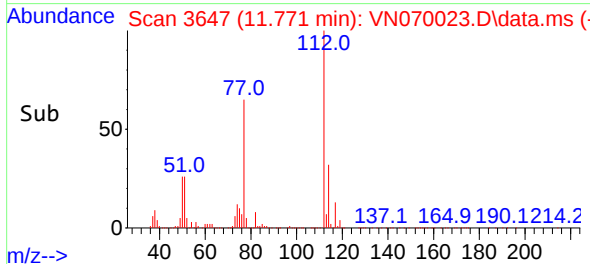
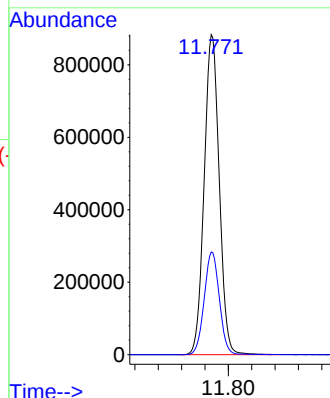
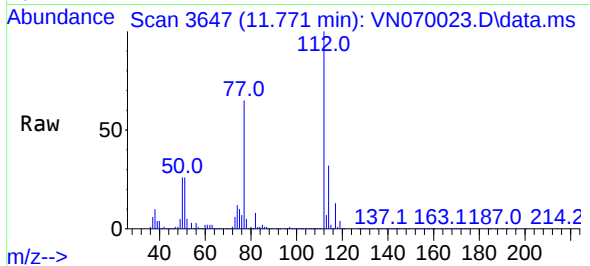
#65
Chlorobenzene
Concen: 43.970 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 1579980
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

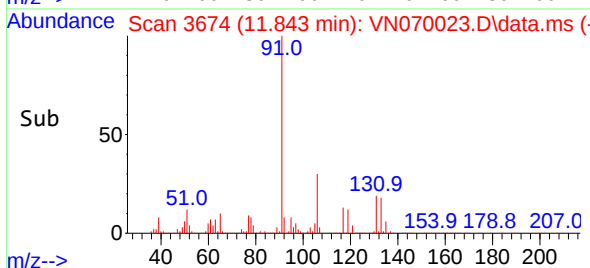
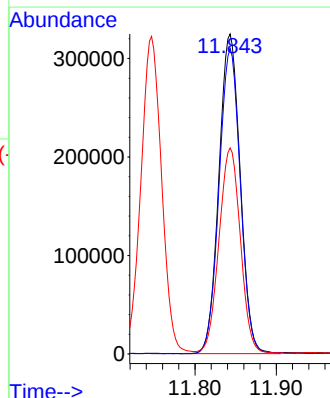
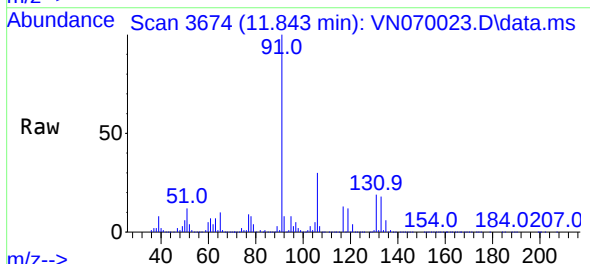
Manual Integrations
APPROVED

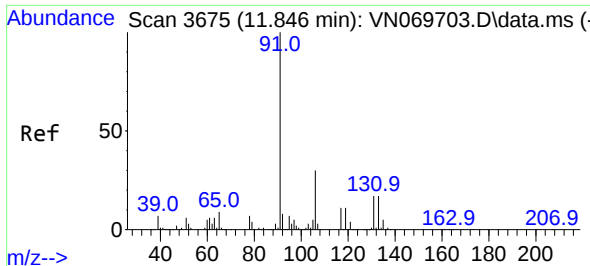
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 46.662 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Tgt Ion:131 Resp: 590153
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.5 32.1 96.5





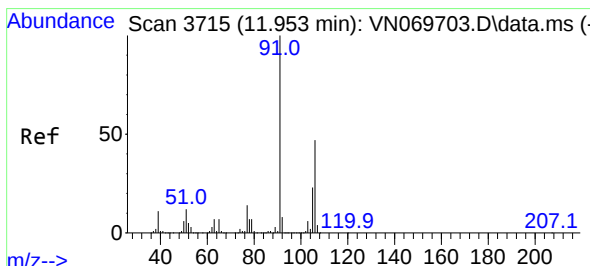
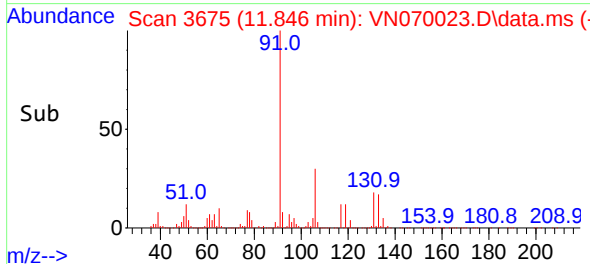
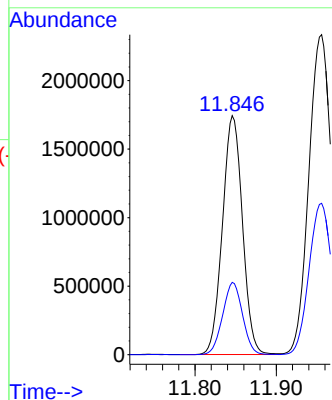
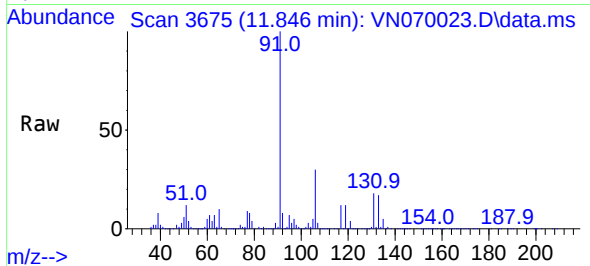
#67
Ethyl Benzene
Concen: 45.722 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 298435
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

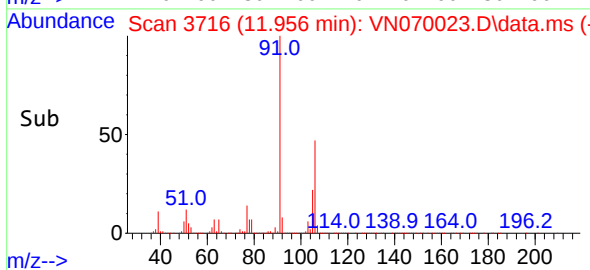
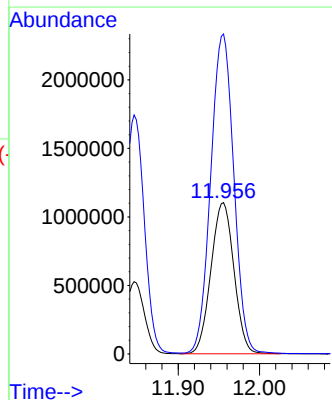
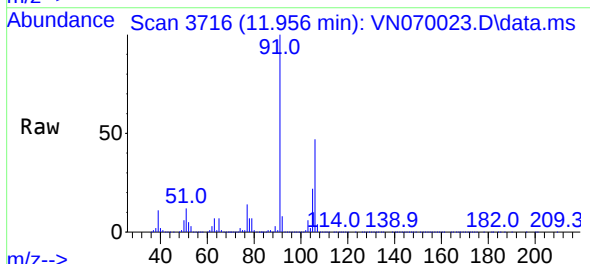
Manual Integrations
APPROVED

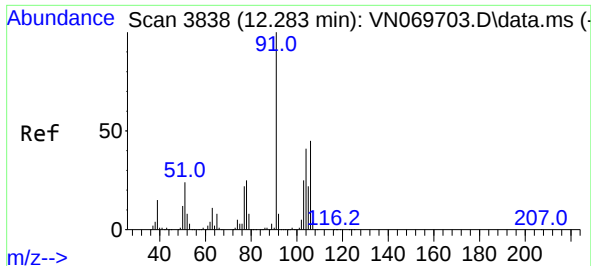
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 91.170 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Tgt Ion:106 Resp: 2166744
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8





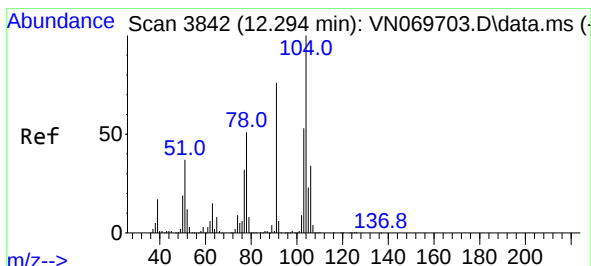
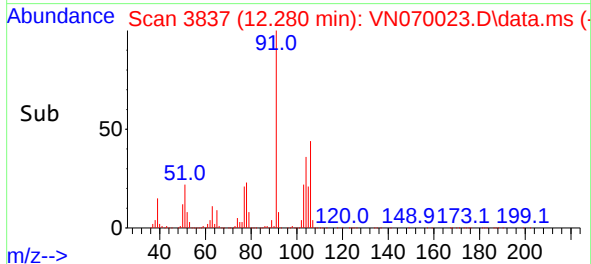
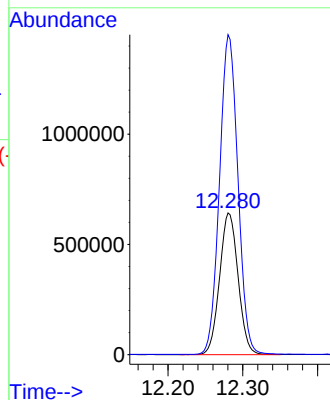
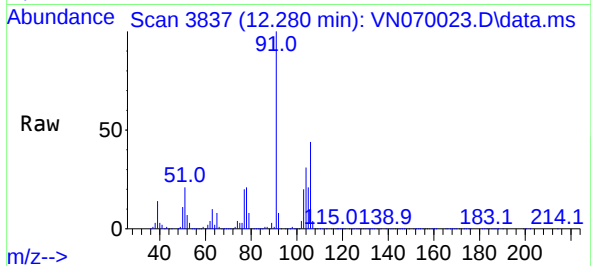
#69
o-Xylene
Concen: 46.033 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1101980
Ion Ratio Lower Upper
106 100
91 224.7 105.8 317.3

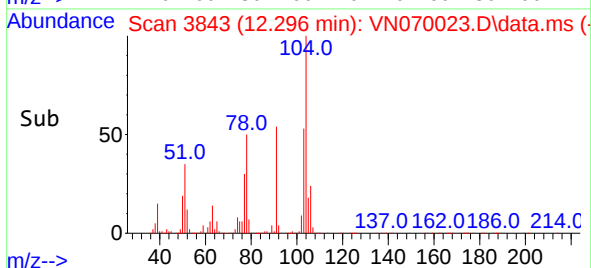
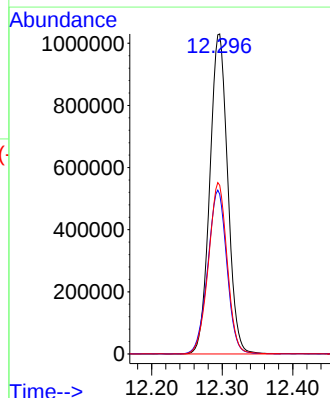
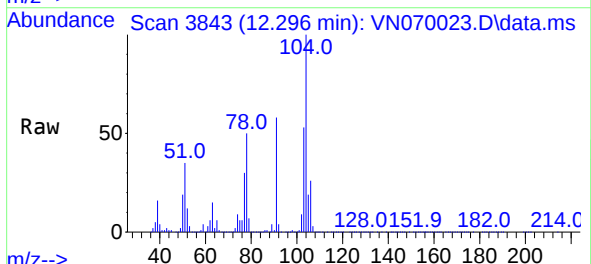
Manual Integrations
APPROVED

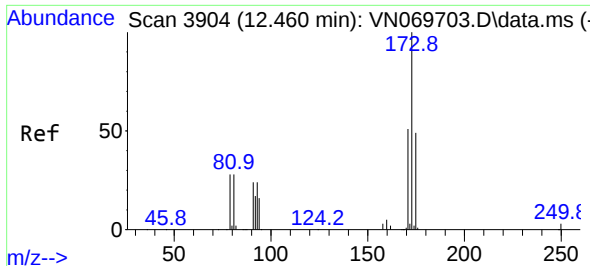
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 47.917 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

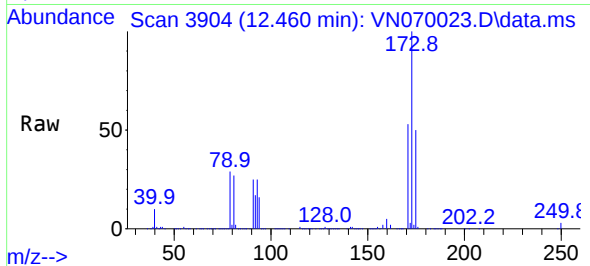
Tgt Ion:104 Resp: 1818908
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 47.521 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

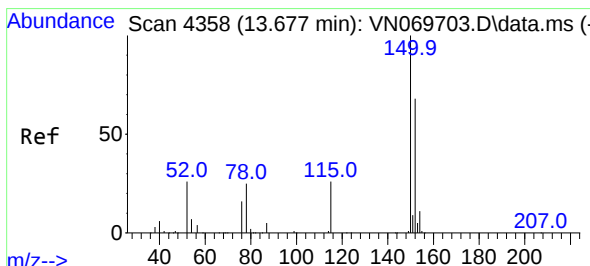
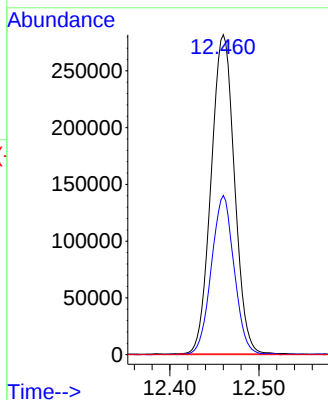
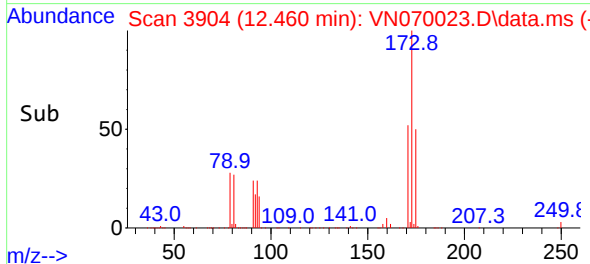
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



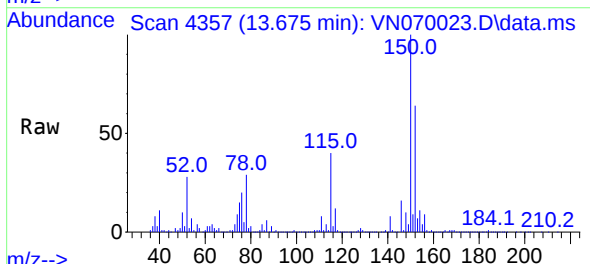
Tgt Ion:173 Resp: 51250
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

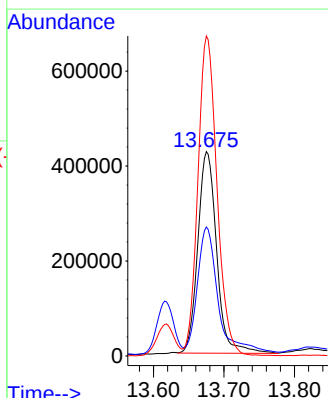
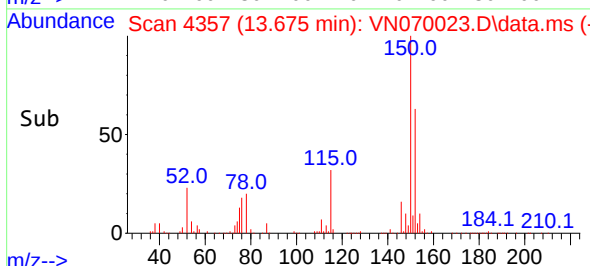
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

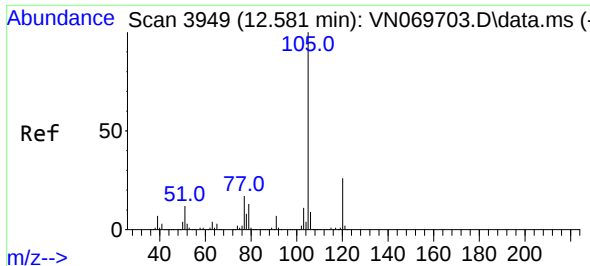


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



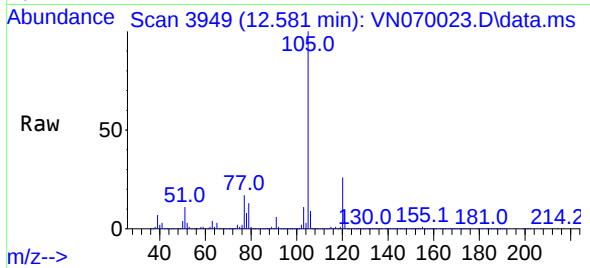
Tgt Ion:152 Resp: 788211
Ion Ratio Lower Upper
152 100
115 70.6 27.5 82.5
150 160.3 0.0 344.4





#73
Isopropylbenzene
Concen: 41.683 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

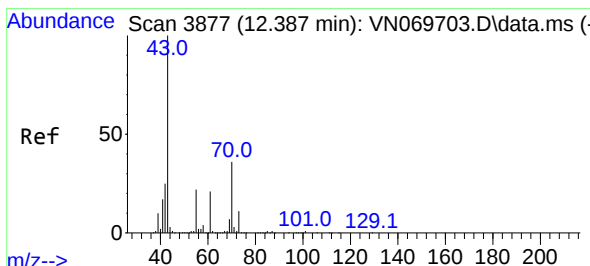
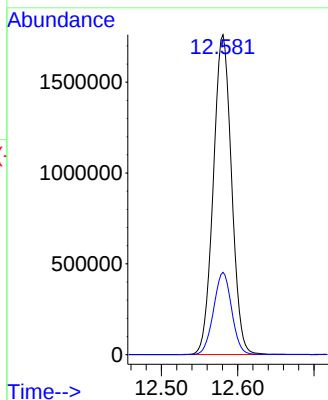
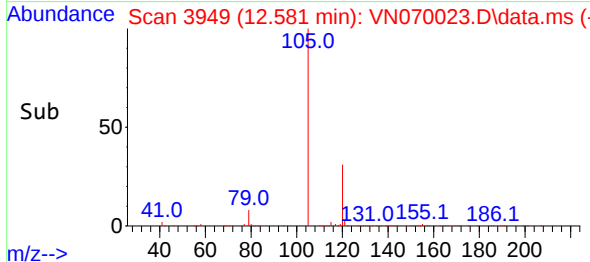
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



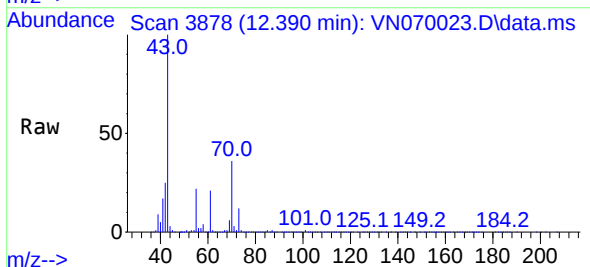
Tgt Ion:105 Resp: 2923174
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

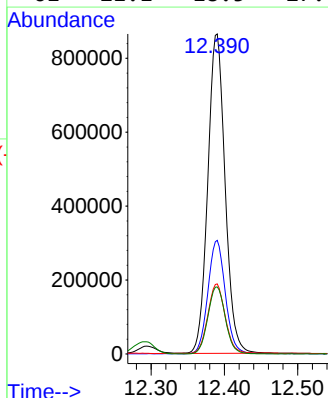
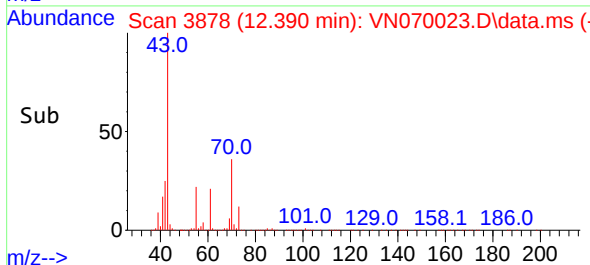
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

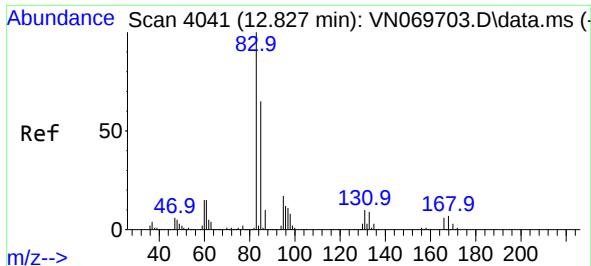


#74
N-ethyl acetate
Concen: 45.768 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 43 Resp: 1419428
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 21.9 19.3 28.9
61 21.1 18.5 27.7





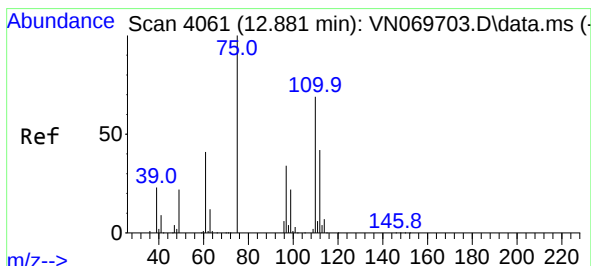
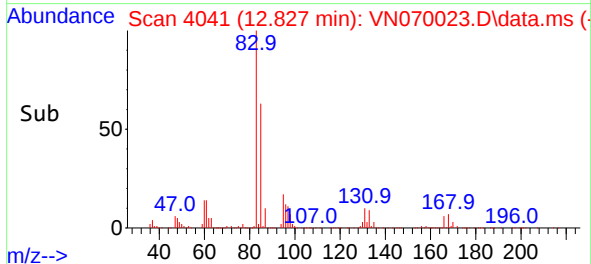
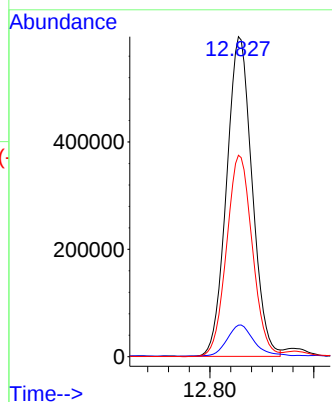
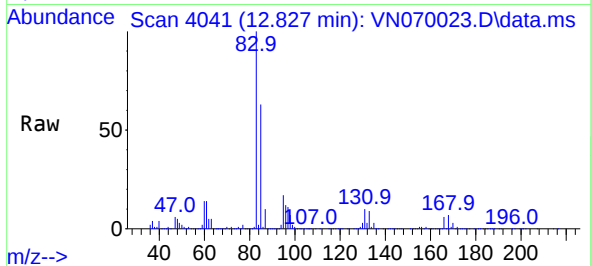
#75
1,1,2,2-Tetrachloroethane
Concen: 41.922 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 101664
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 63.8 32.4 97.2

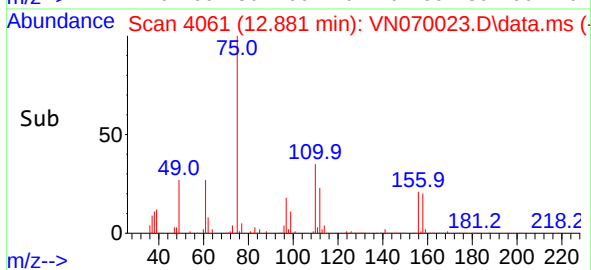
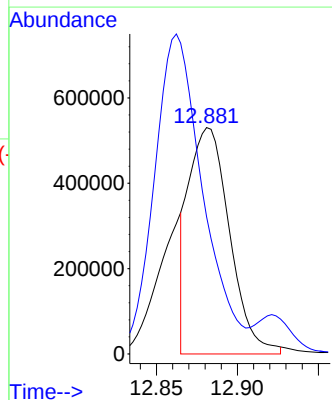
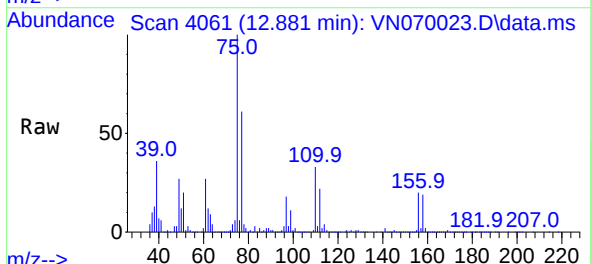
Manual Integrations
APPROVED

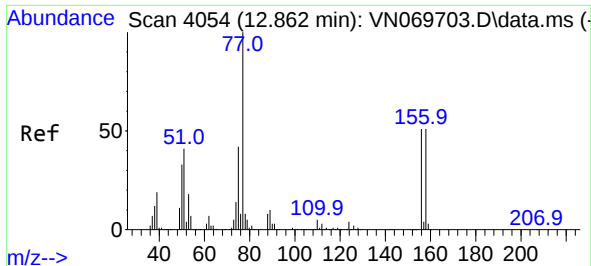
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#76
1,2,3-Trichloropropane
Concen: 41.221 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

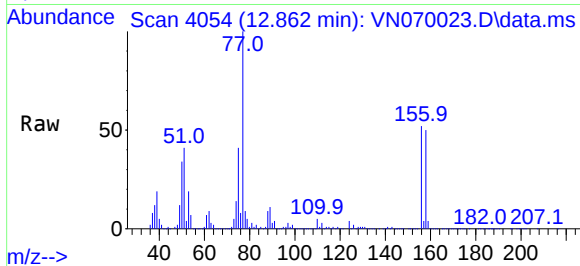
Tgt Ion: 75 Resp: 931751
Ion Ratio Lower Upper
75 100
77 166.9 82.6 247.8





#77
Bromobenzene
Concen: 41.871 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

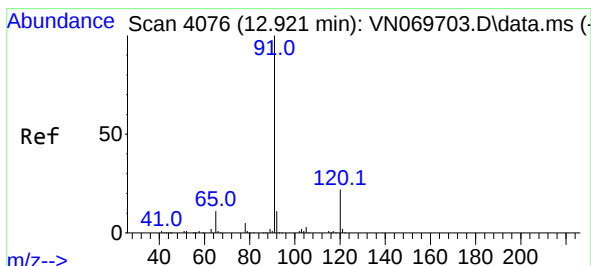
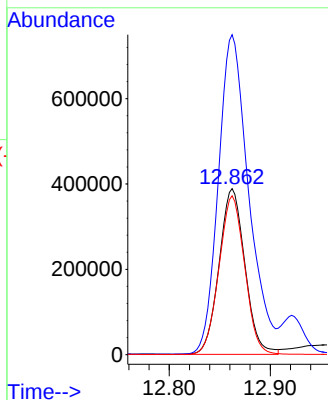
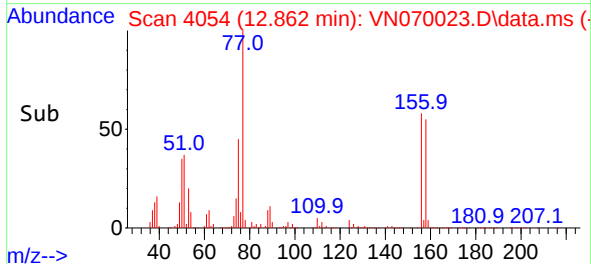
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



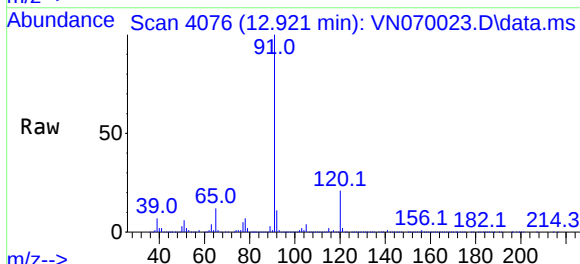
Tgt Ion:156 Resp: 689714
Ion Ratio Lower Upper
156 100
77 225.4 90.6 271.8
158 94.8 48.9 146.7

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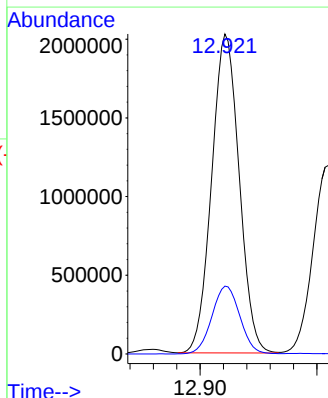
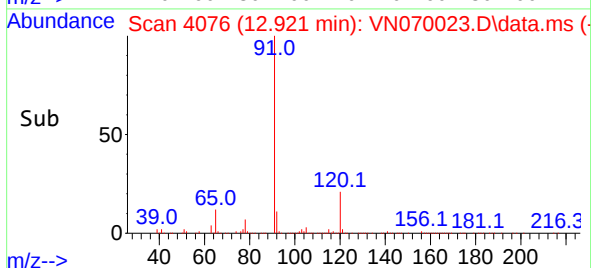
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

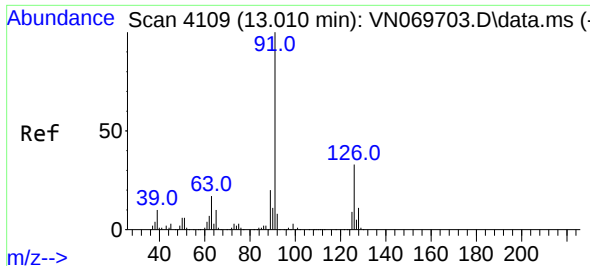


#78
n-propylbenzene
Concen: 42.461 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion: 91 Resp: 3313559
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





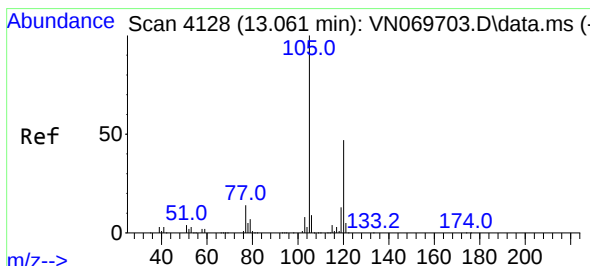
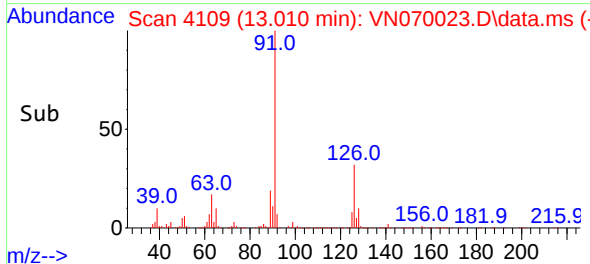
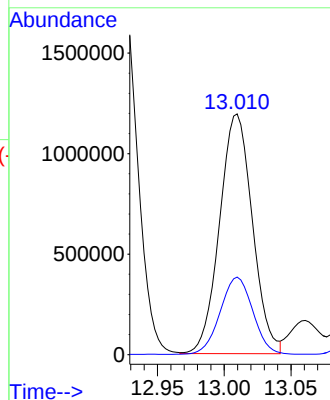
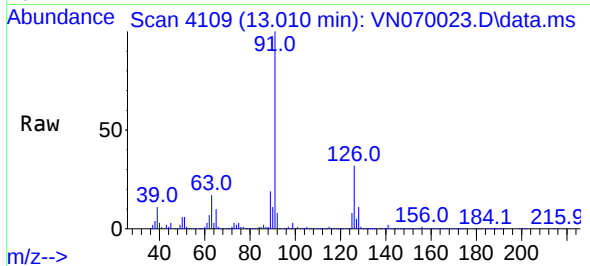
#79
2-Chlorotoluene
Concen: 41.429 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 204286
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

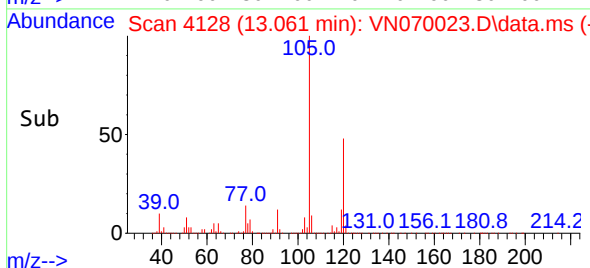
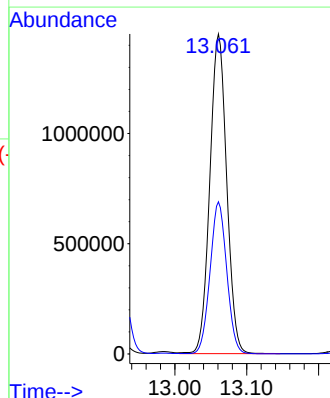
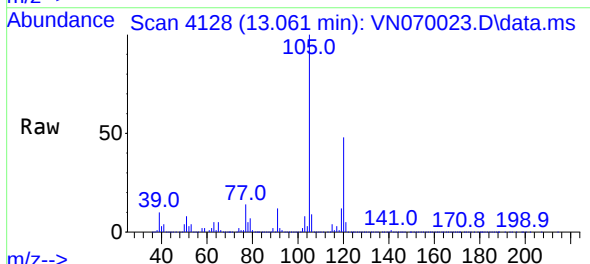
Manual Integrations
APPROVED

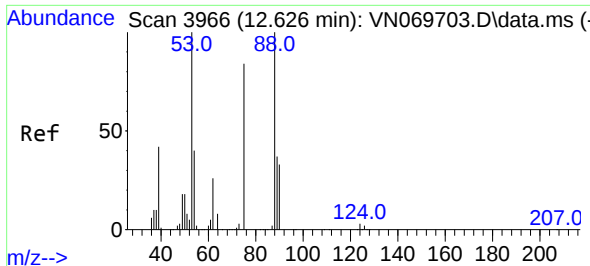
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 41.822 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

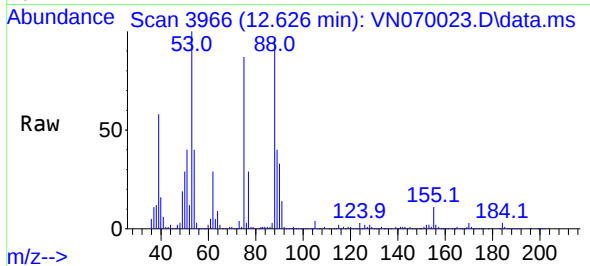
Tgt Ion:105 Resp: 2360658
Ion Ratio Lower Upper
105 100
120 47.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 43.159 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

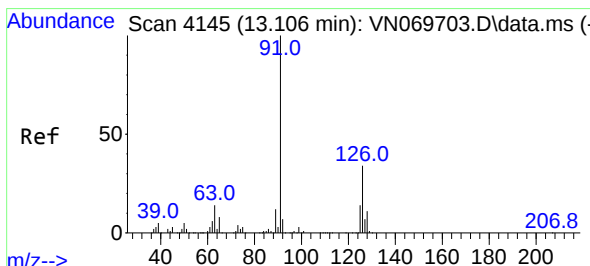
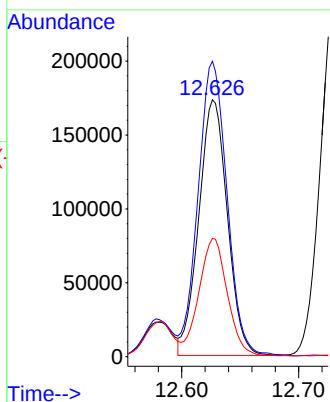
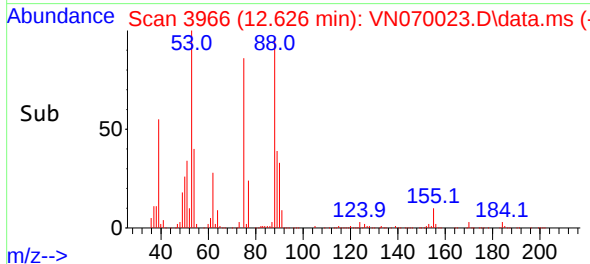
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



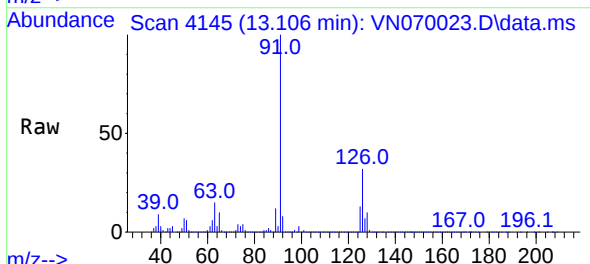
Tgt Ion: 75 Resp: 293898
Ion Ratio Lower Upper
75 100
53 116.9 90.5 135.7
89 45.5 38.2 57.4

Manual Integrations
APPROVED

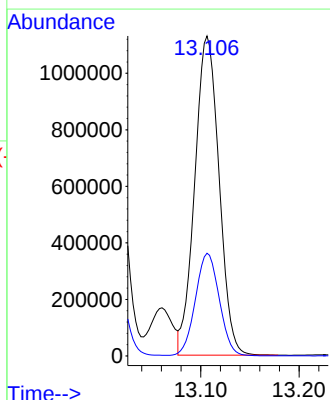
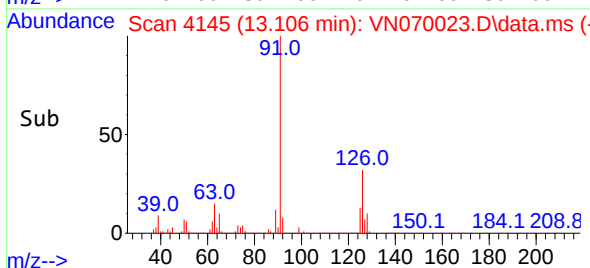
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 41.683 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



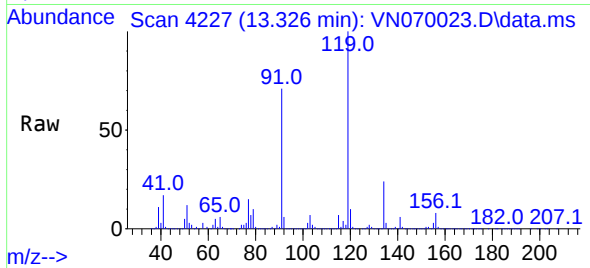
Tgt Ion: 91 Resp: 1932967
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 42.298 ug/l
RT: 13.326 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

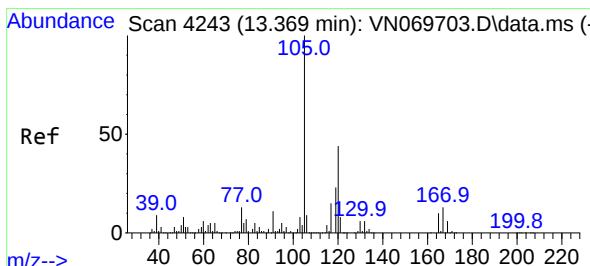
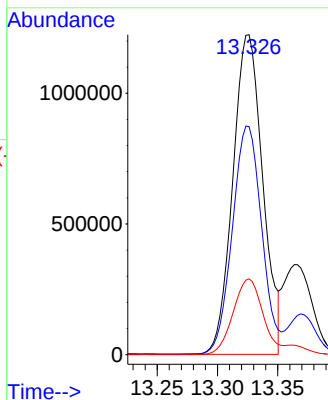
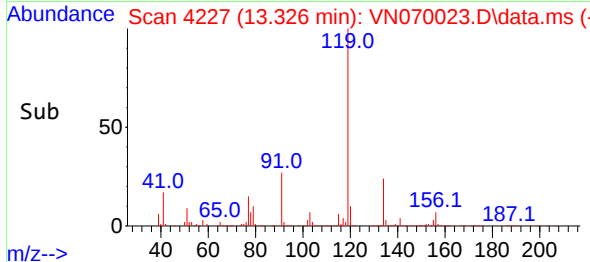
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



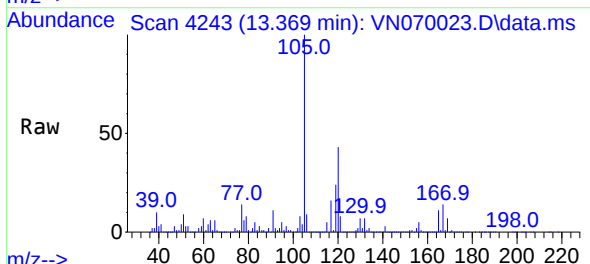
Tgt Ion:119 Resp: 211408
Ion Ratio Lower Upper
119 100
91 70.1 31.5 94.5
134 23.8 12.4 37.4

Manual Integrations
APPROVED

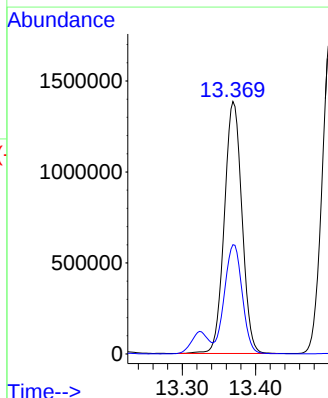
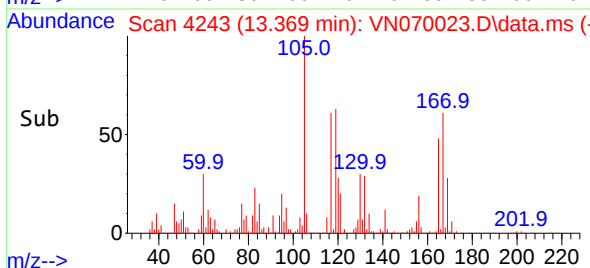
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

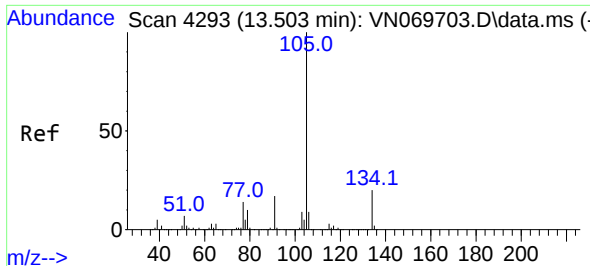


#84
1,2,4-Trimethylbenzene
Concen: 43.072 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion:105 Resp: 2315378
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





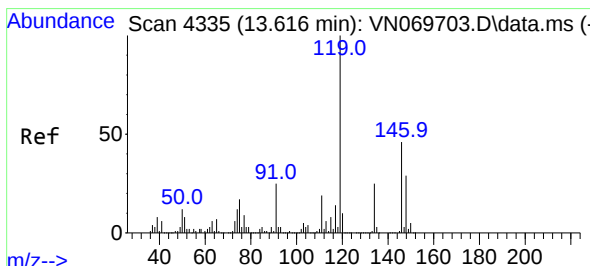
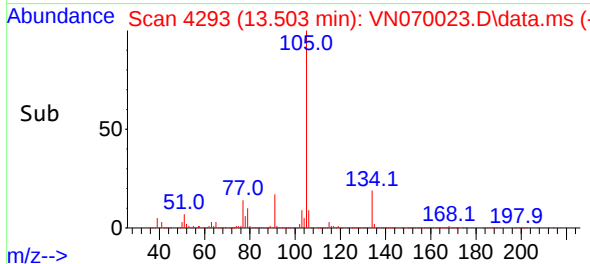
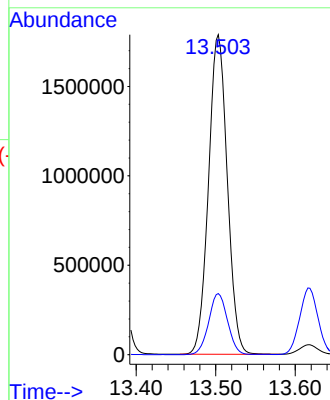
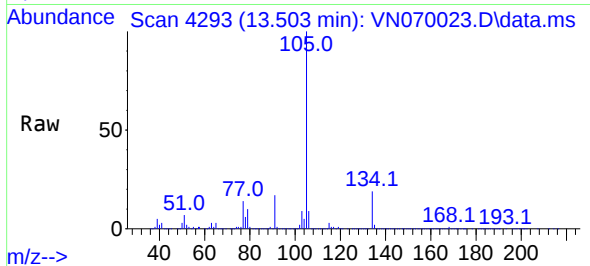
#85
 sec-Butylbenzene
 Concen: 43.277 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070023.D
 Acq: 11 Dec 2021 21:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2933914
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

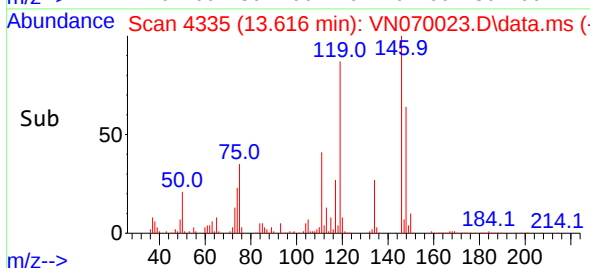
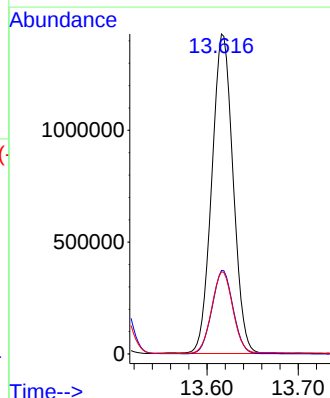
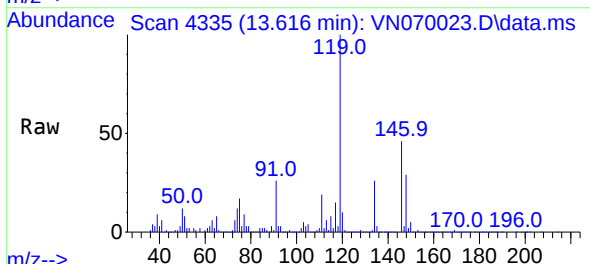
Manual Integrations
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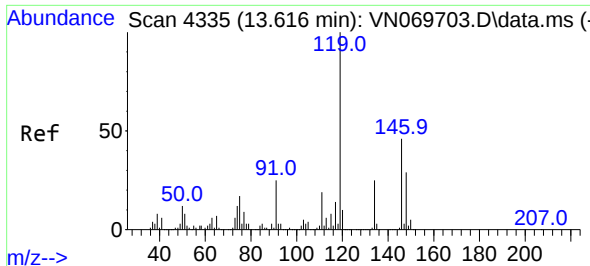
Reviewed By :John Carlone 12/13/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 43.615 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070023.D
 Acq: 11 Dec 2021 21:36

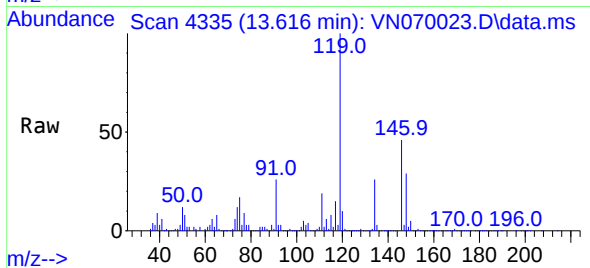
Tgt Ion:119 Resp: 2311269
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 41.040 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

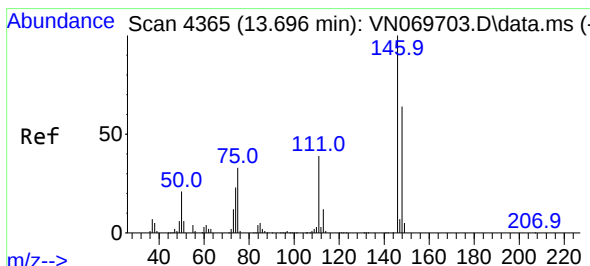
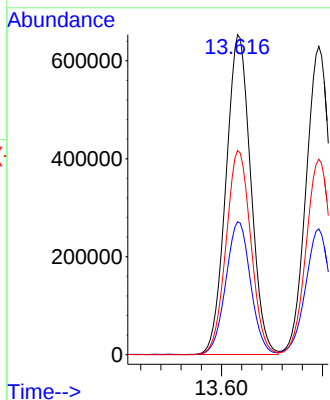
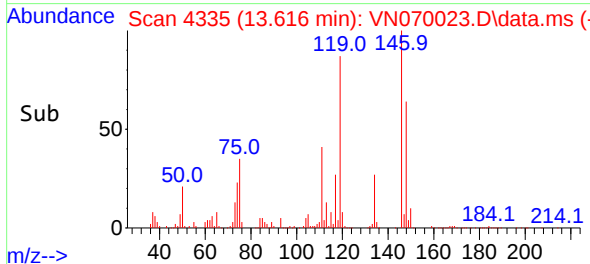
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



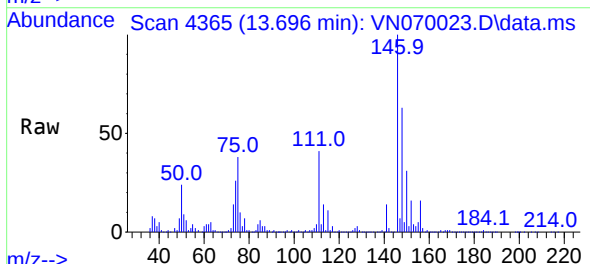
Tgt Ion:146 Resp: 1110590
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.1 31.6 95.0

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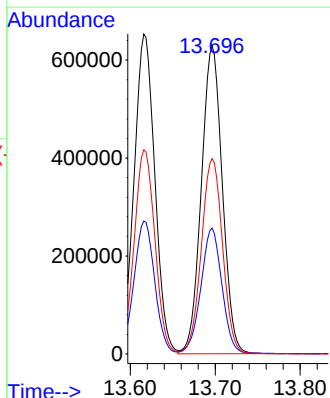
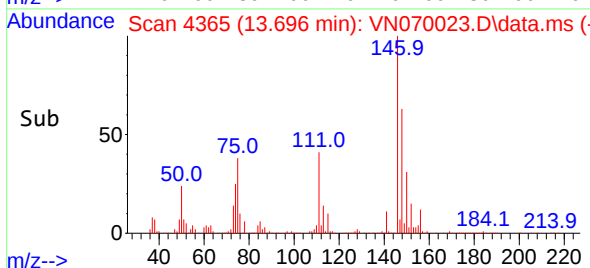
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

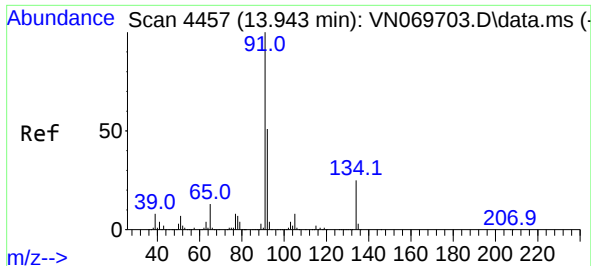


#88
1,4-Dichlorobenzene
Concen: 40.532 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



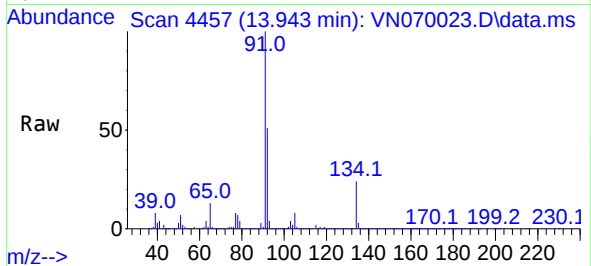
Tgt Ion:146 Resp: 1077893
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 45.330 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

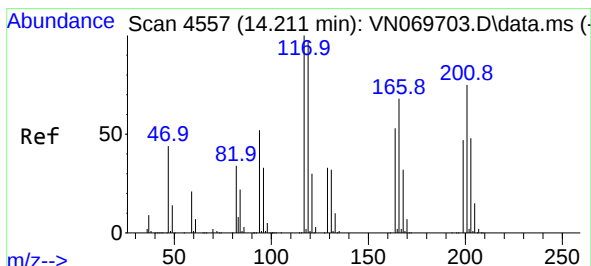
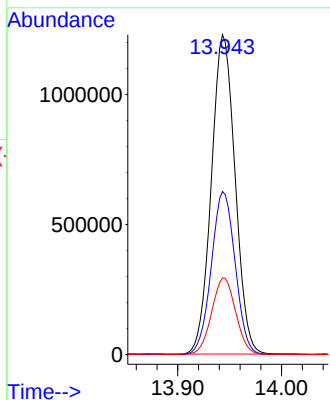
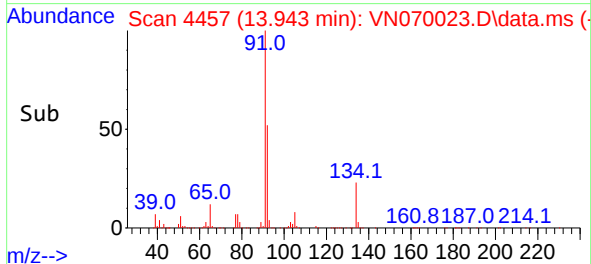
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



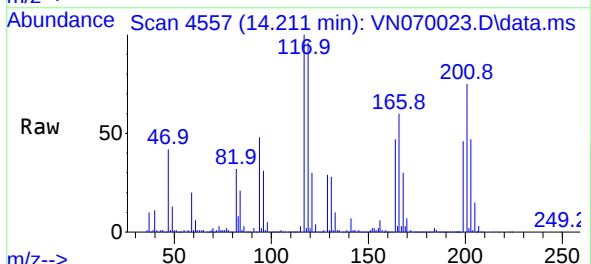
Tgt Ion: 91 Resp: 1948600
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.3 13.6 40.8

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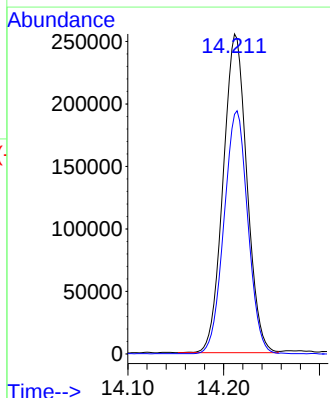
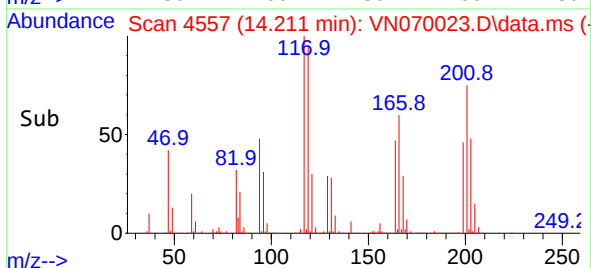
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

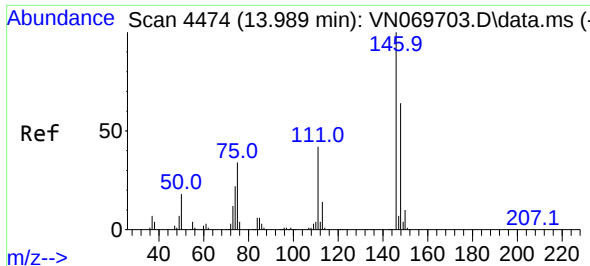


#90
Hexachloroethane
Concen: 47.270 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



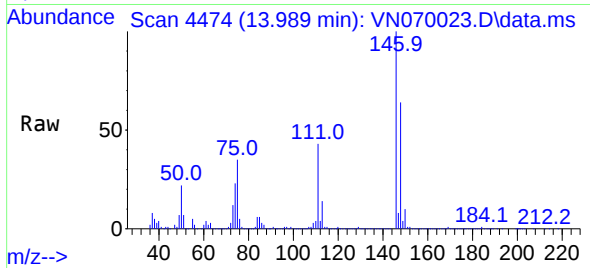
Tgt Ion:117 Resp: 439786
Ion Ratio Lower Upper
117 100
201 76.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 41.447 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

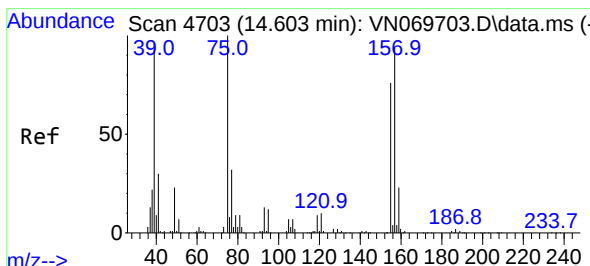
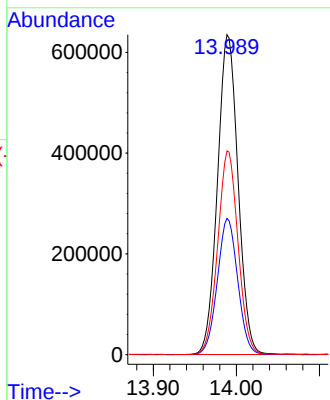
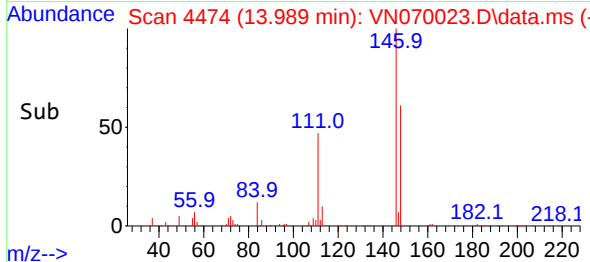
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



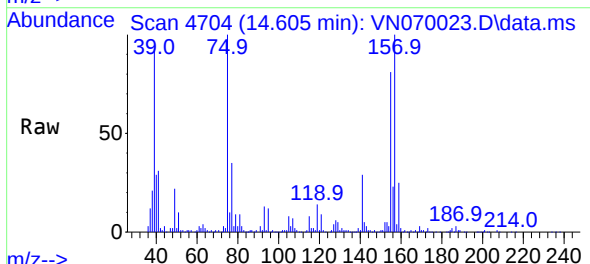
Tgt Ion:146 Resp: 109283
Ion Ratio Lower Upper
146 100
111 42.2 19.1 57.3
148 63.3 32.1 96.3

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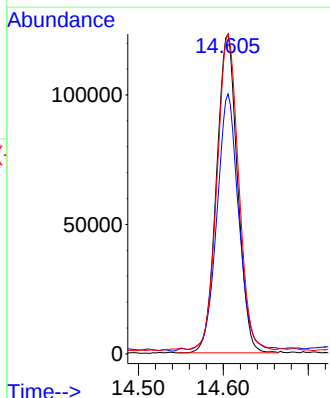
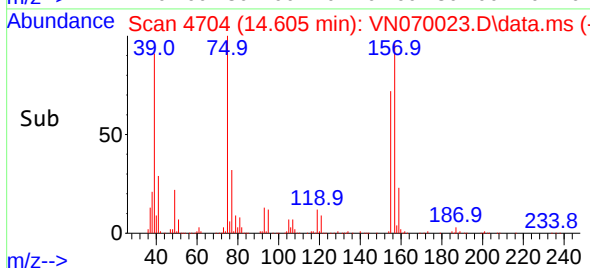
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

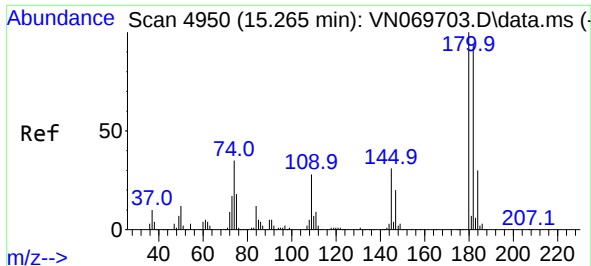


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.318 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



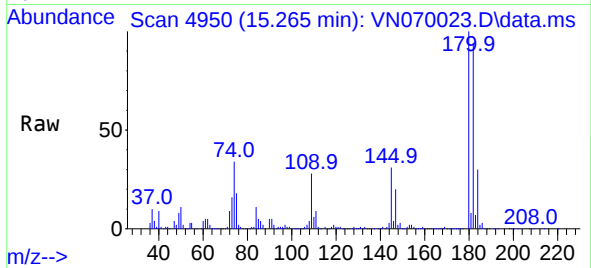
Tgt Ion: 75 Resp: 211734
Ion Ratio Lower Upper
75 100
155 81.2 46.9 140.7
157 100.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 44.642 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

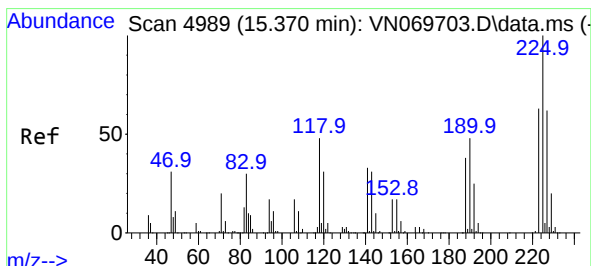
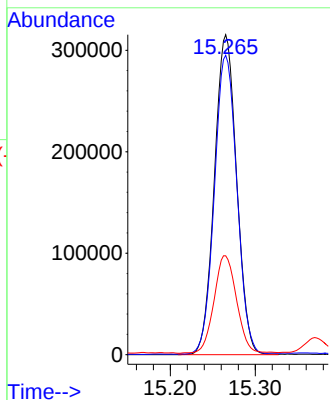
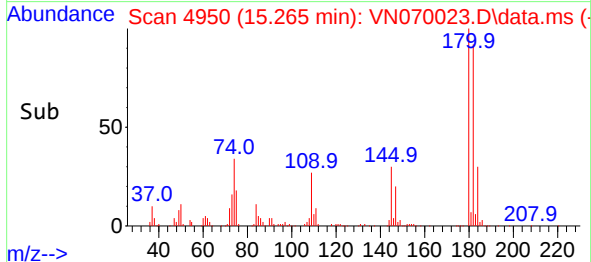
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



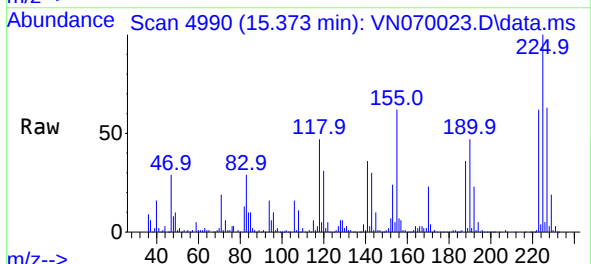
Tgt Ion:180 Resp: 57308
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

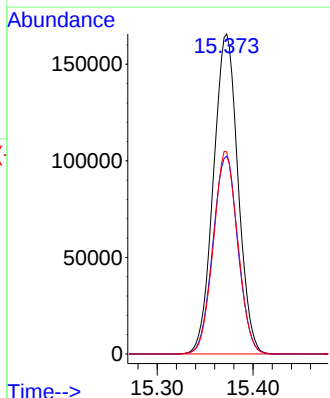
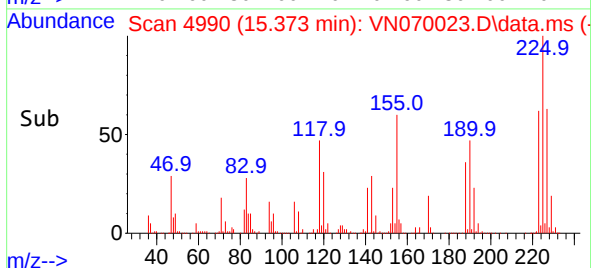
Reviewed By :John Carlone 12/13/2021
Supervised By :Mahesh Dadoda 12/15/2021

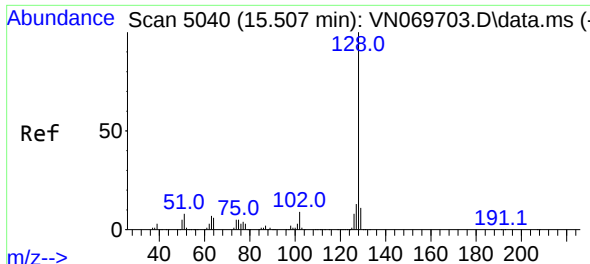


#94
Hexachlorobutadiene
Concen: 42.190 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



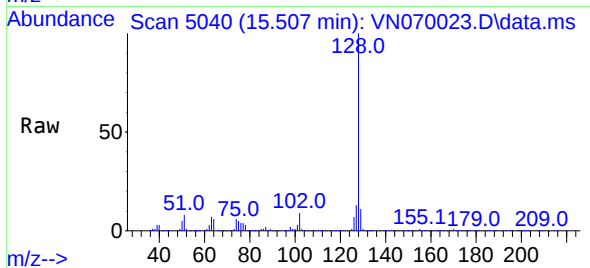
Tgt Ion:225 Resp: 294820
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 50.495 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36

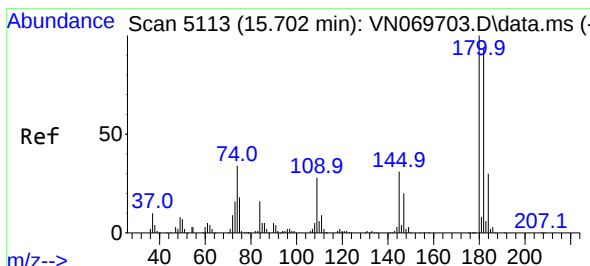
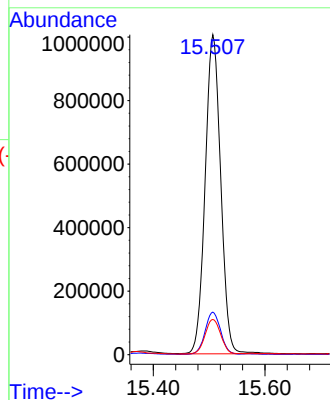
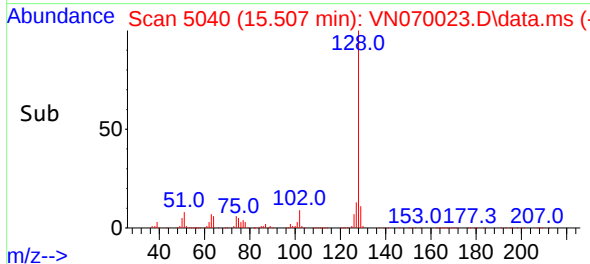
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



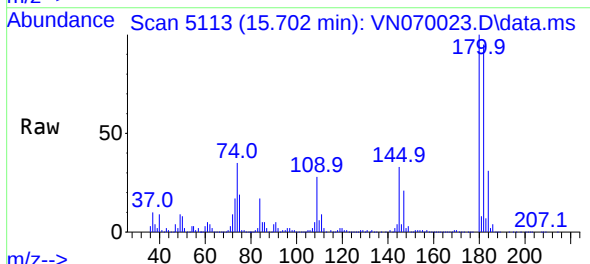
Tgt Ion:128 Resp: 1946700
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 45.573 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070023.D
Acq: 11 Dec 2021 21:36



Tgt Ion:180 Resp: 571514
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 32.8 15.0 45.1

