

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070230.D
 Acq On : 20 Dec 2021 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 20 15:07:50 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	8.083	168	1027964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1652778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1555558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	671212	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	739861	46.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 93.22%			
35) Dibromofluoromethane	8.019	113	521546	50.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.76%			
50) Toluene-d8	10.440	98	2025173	48.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.44%			
62) 4-Bromofluorobenzene	12.728	95	786314	52.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.42%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	557897	46.53	ug/l	100
3) Chloromethane	2.303	50	709345	47.22	ug/l	100
4) Vinyl Chloride	2.448	62	673423	48.76	ug/l	99
5) Bromomethane	2.840	94	361206	48.14	ug/l	99
6) Chloroethane	3.014	64	414241	48.94	ug/l	96
7) Trichlorofluoromethane	3.376	101	896612	49.46	ug/l	98
8) Diethyl Ether	3.821	74	400786	57.41	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.207	101	581266	57.20	ug/l	96
10) Methyl Iodide	4.419	142	728932	52.51	ug/l	99
11) Tert butyl alcohol	5.371	59	640114	213.36	ug/l	98
12) 1,1-Dichloroethene	4.181	96	522925	53.40	ug/l	88
13) Acrolein	4.039	56	620279	242.78	ug/l	98
14) Allyl chloride	4.838	41	1245551	56.45	ug/l	91
15) Acrylonitrile	5.548	53	2043931	252.83	ug/l	99
16) Acetone	4.283	43	2450696	256.68	ug/l	98
17) Carbon Disulfide	4.527	76	1203437	47.57	ug/l	98
18) Methyl Acetate	4.851	43	1436108	49.83	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	2195912	57.68	ug/l	95
20) Methylene Chloride	5.093	84	662928	52.23	ug/l #	85
21) trans-1,2-Dichloroethene	5.591	96	560159	52.67	ug/l	85
22) Diisopropyl ether	6.493	45	2590933	60.08	ug/l	93
23) Vinyl Acetate	6.431	43	10115115	288.30	ug/l #	94
24) 1,1-Dichloroethane	6.383	63	1289358	57.72	ug/l	97
25) 2-Butanone	7.332	43	3224350	248.55	ug/l	91
26) 2,2-Dichloropropane	7.324	77	1048722	60.38	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	711550	55.38	ug/l	85
28) Bromochloromethane	7.654	49	553569	47.65	ug/l #	77
29) Tetrahydrofuran	7.683	42	1921964	243.99	ug/l #	87
30) Chloroform	7.815	83	1270041	56.29	ug/l	99
31) Cyclohexane	8.094	56	1141286	51.67	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1058556	55.08	ug/l	96
36) 1,1-Dichloropropene	8.220	75	905980	57.58	ug/l	96
37) Ethyl Acetate	7.410	43	1164673	49.73	ug/l	95
38) Carbon Tetrachloride	8.204	117	866290	56.15	ug/l	98
39) Methylcyclohexane	9.459	83	1076227	57.51	ug/l	89
40) Benzene	8.458	78	2729311	56.75	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	616858	56.11	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1091329	56.21	ug/l	97
43) Isopropyl Acetate	8.558	43	1908430	55.07	ug/l #	95
44) Trichloroethene	9.215	130	653813	56.96	ug/l	92
45) 1,2-Dichloropropane	9.488	63	770208	59.64	ug/l	100
46) Dibromomethane	9.577	93	477467	56.37	ug/l	93
47) Bromodichloromethane	9.759	83	996542	62.14	ug/l	99
48) Methyl methacrylate	9.558	41	896959	55.46	ug/l	86
49) 1,4-Dioxane	9.566	88	265901	916.32	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	6175762	274.70	ug/l	96
52) Toluene	10.502	92	1702644	57.99	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	1084459	55.87	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1166995	57.34	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	698141	58.93	ug/l	98
56) Ethyl methacrylate	10.760	69	1183575	52.82	ug/l #	89
57) 1,3-Dichloropropane	11.041	76	1233720	59.14	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1346018	224.97	ug/l	90
59) 2-Hexanone	11.084	43	4538124	266.85	ug/l	94
60) Dibromochloromethane	11.237	129	709126	55.59	ug/l	100
61) 1,2-Dibromoethane	11.344	107	695070	56.65	ug/l	100
64) Tetrachloroethene	10.977	164	586746	55.63	ug/l	95
65) Chlorobenzene	11.768	112	1834319	58.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	671639	60.47	ug/l	100
67) Ethyl Benzene	11.843	91	3449871	60.18	ug/l	95
68) m/p-Xylenes	11.950	106	2518690	120.67	ug/l	92
69) o-Xylene	12.278	106	1269542	60.39	ug/l	92
70) Styrene	12.291	104	2096085	62.87	ug/l	96
71) Bromoform	12.457	173	513667	53.85	ug/l #	99
73) Isopropylbenzene	12.578	105	3385716	56.69	ug/l	98
74) N-amyl acetate	12.388	43	1405629	53.22	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1067154	51.68	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	1013659m	52.66	ug/l	
77) Bromobenzene	12.860	156	771244	54.98	ug/l	78
78) n-propylbenzene	12.919	91	3933138	59.19	ug/l	96
79) 2-Chlorotoluene	13.004	91	2404492	57.26	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2783720	57.91	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	308853	52.31	ug/l	98
82) 4-Chlorotoluene	13.104	91	2326711	58.92	ug/l	92
83) tert-Butylbenzene	13.321	119	2449886	57.56	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2733031	59.70	ug/l	97
85) sec-Butylbenzene	13.501	105	3458379	59.90	ug/l	97
86) p-Isopropyltoluene	13.613	119	2779849	61.60	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1323581	57.44	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1275493	56.32	ug/l	97
89) n-Butylbenzene	13.940	91	2319302	63.36	ug/l	97
90) Hexachloroethane	14.209	117	468425	59.12	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	1269389	56.53	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	189291	50.73	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	621199	56.04	ug/l	98
94) Hexachlorobutadiene	15.367	225	362854	60.98	ug/l	99
95) Naphthalene	15.504	128	1541101	47.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	580791	53.91	ug/l	97

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Response via : Initial Calibration

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

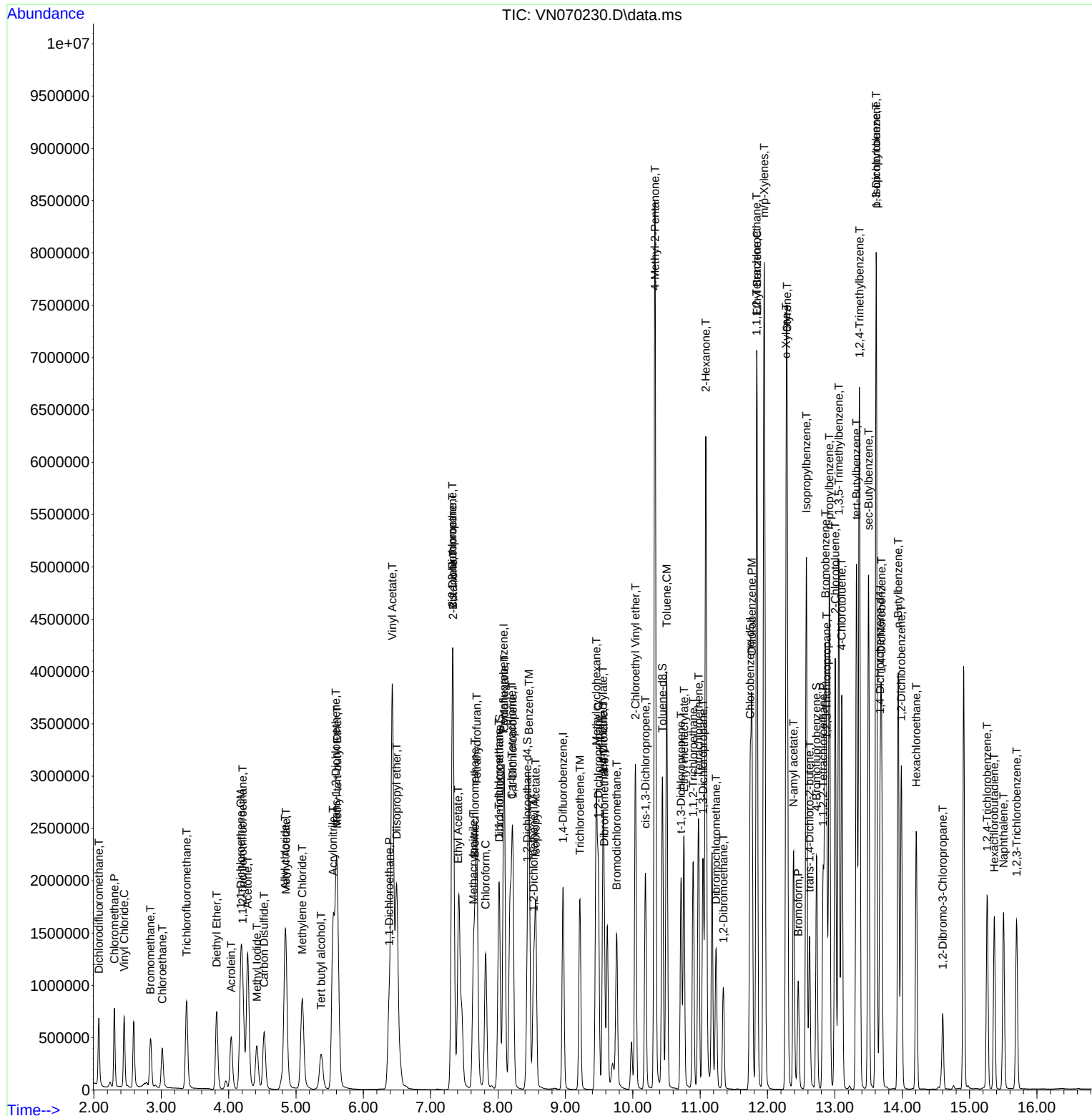
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
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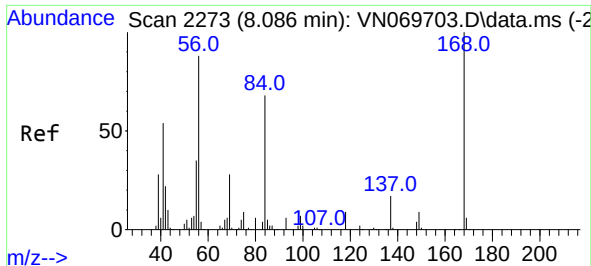
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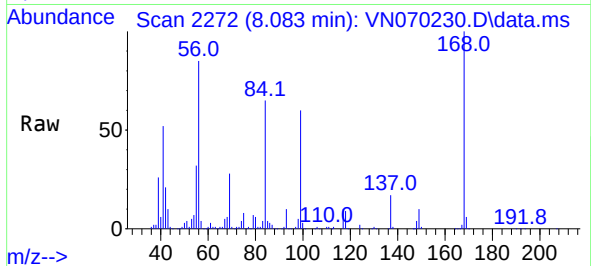
Reviewed By : John Carlone 12/21/2021
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

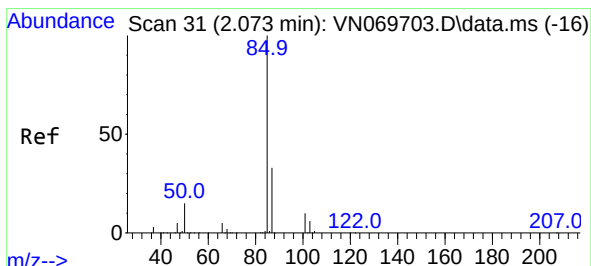
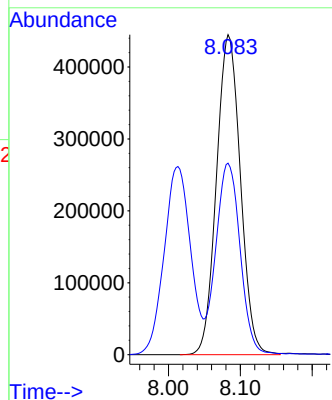
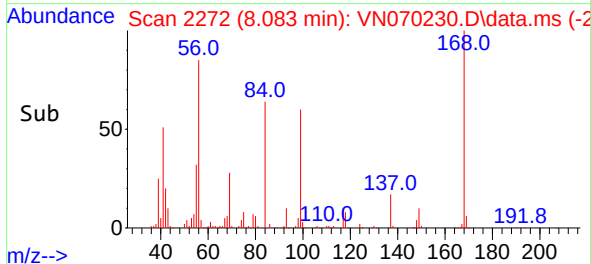
Instrument :
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Tgt Ion:168 Resp: 1027964
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9

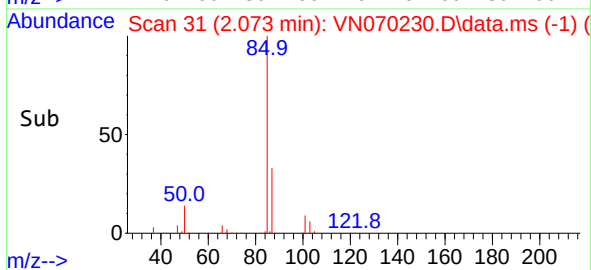
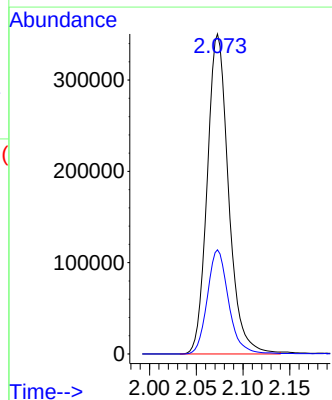
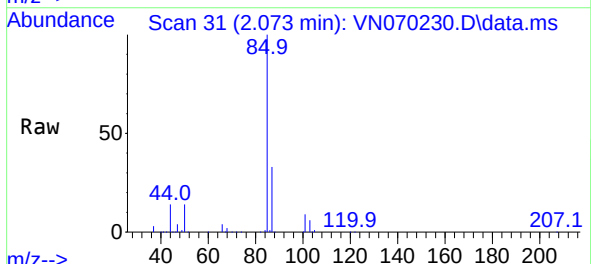
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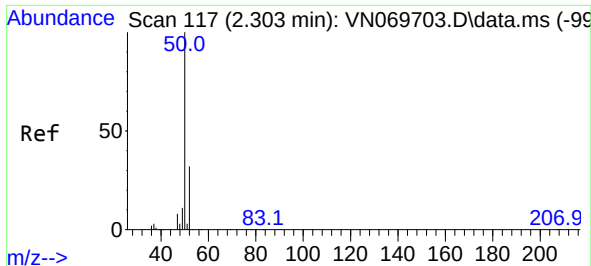
Reviewed By :John Carlone 12/21/2021
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#2
Dichlorodifluoromethane
Concen: 46.53 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

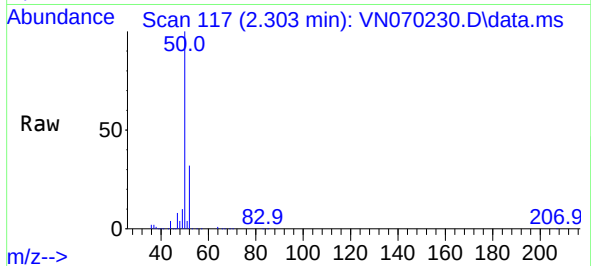
Tgt Ion: 85 Resp: 557897
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 47.22 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

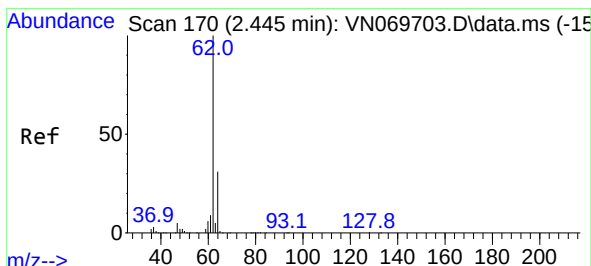
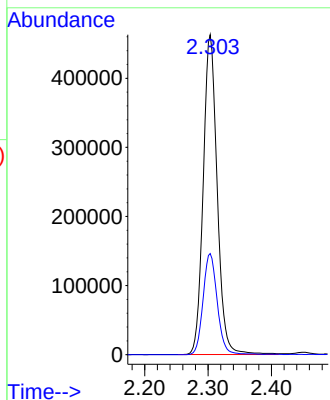
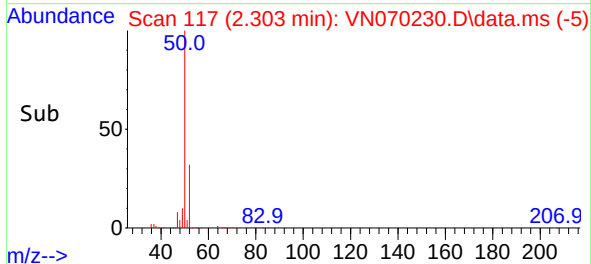
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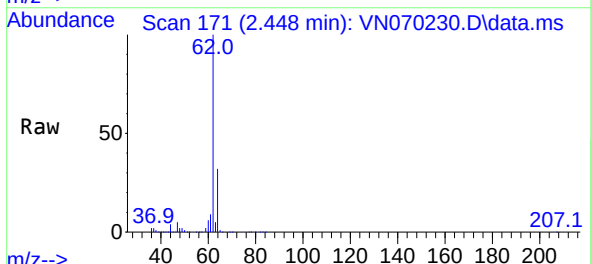
Tgt Ion: 50 Resp: 709345
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0

Manual Integrations
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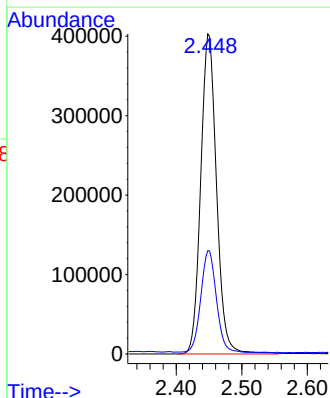
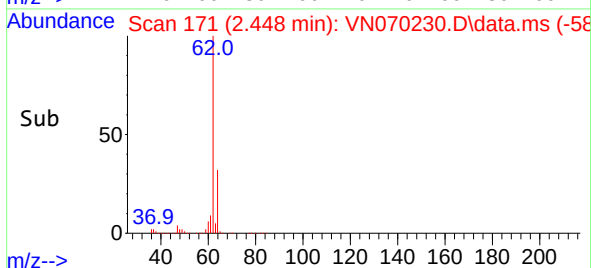
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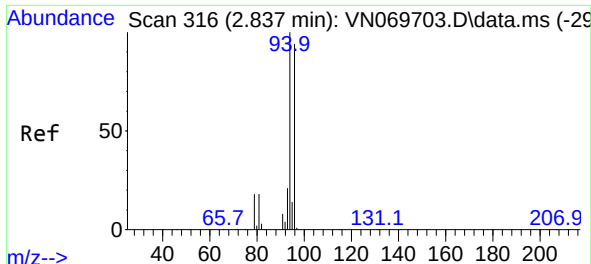


#4
Vinyl Chloride
Concen: 48.76 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



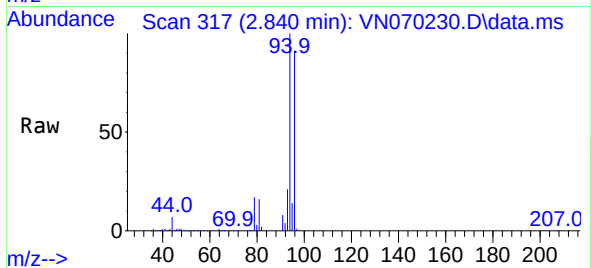
Tgt Ion: 62 Resp: 673423
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 48.14 ug/l
RT: 2.840 min Scan# 316
Delta R.T. 0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

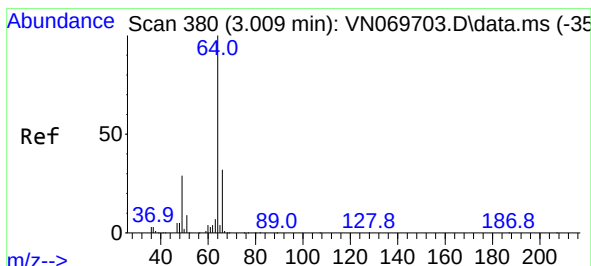
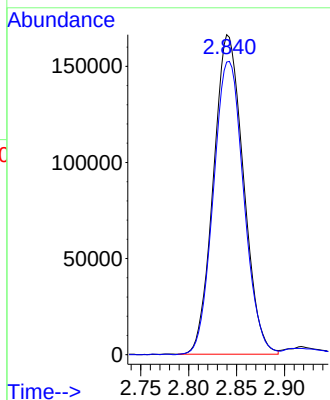
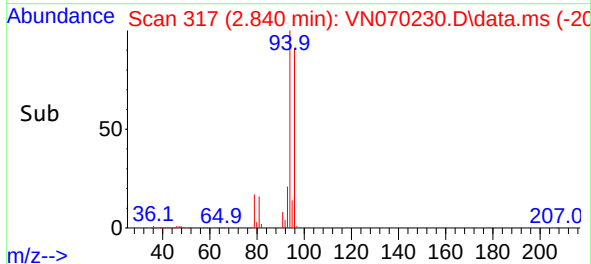
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Tgt Ion: 94 Resp: 361200
Ion Ratio Lower Upper
94 100
96 91.5 73.8 110.8

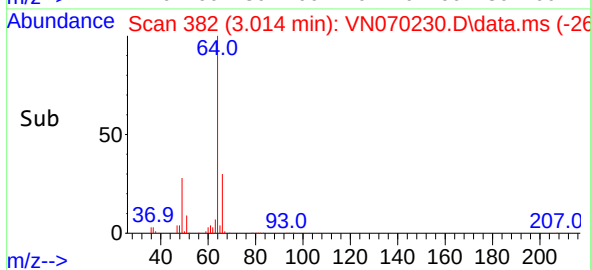
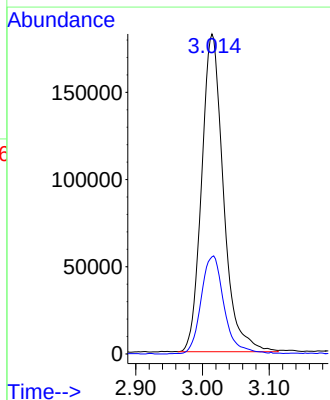
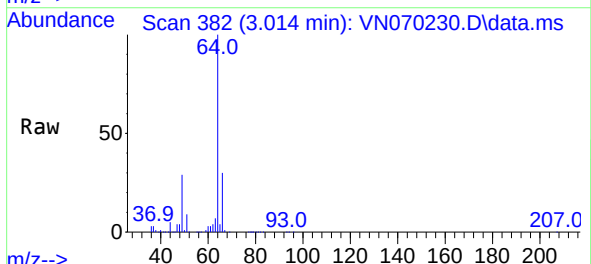
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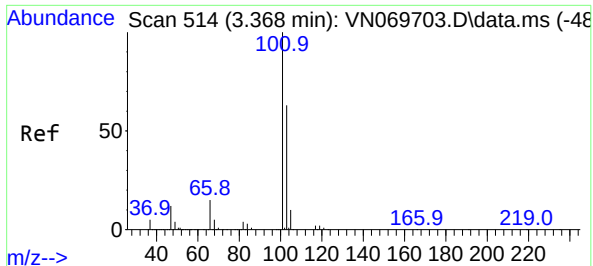
Reviewed By :John Carlone 12/21/2021
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#6
Chloroethane
Concen: 48.94 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion: 64 Resp: 414241
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





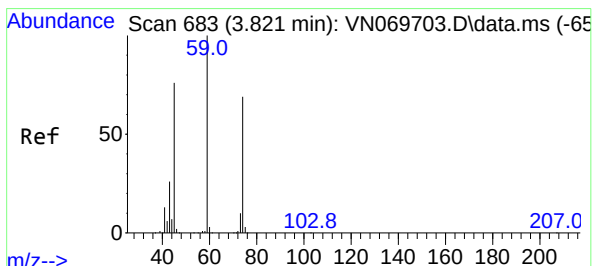
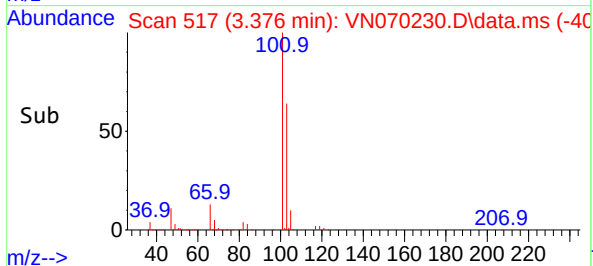
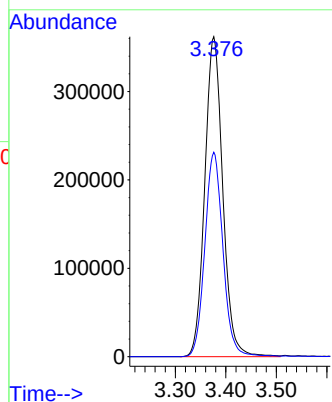
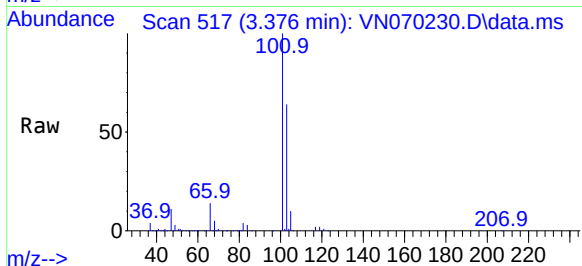
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Trichlorofluoromethane
Concen: 49.46 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 896612
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

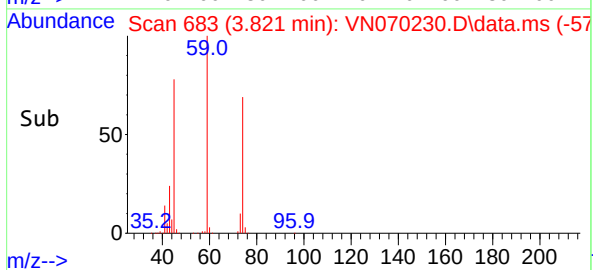
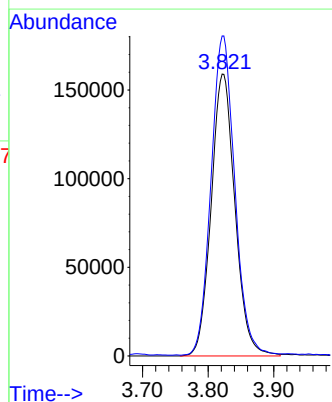
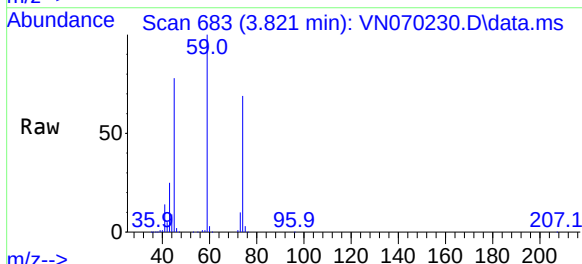
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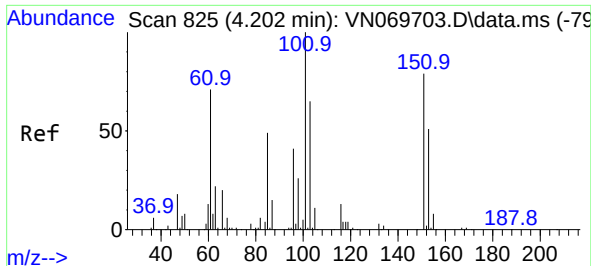
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#8
Diethyl Ether
Concen: 57.41 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion: 74 Resp: 400786
Ion Ratio Lower Upper
74 100
45 113.0 47.0 141.2





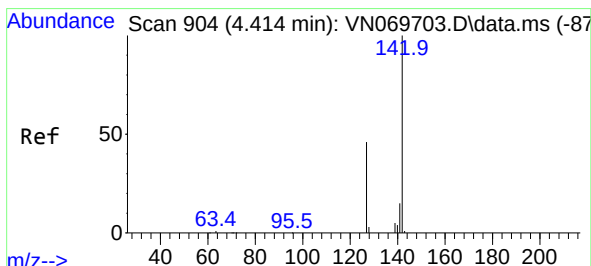
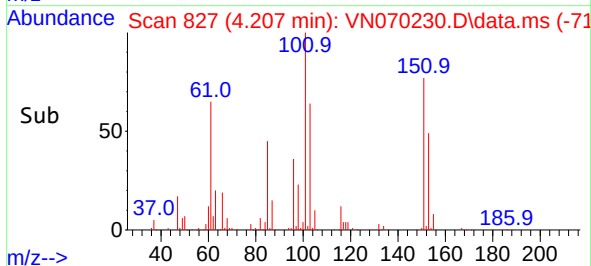
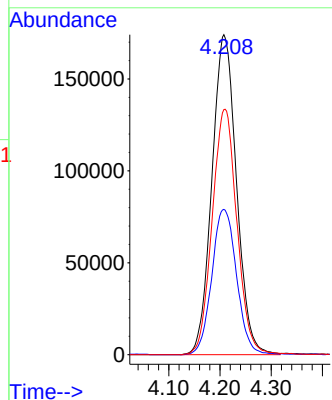
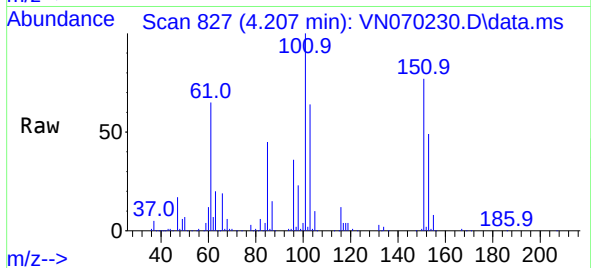
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.20 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 58126
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 77.0 65.9 98.9

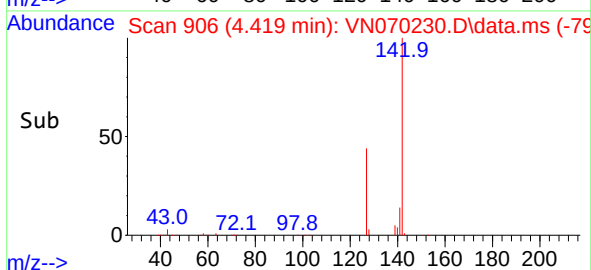
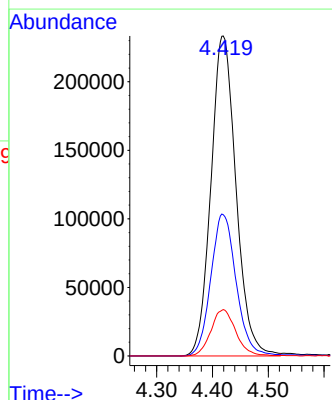
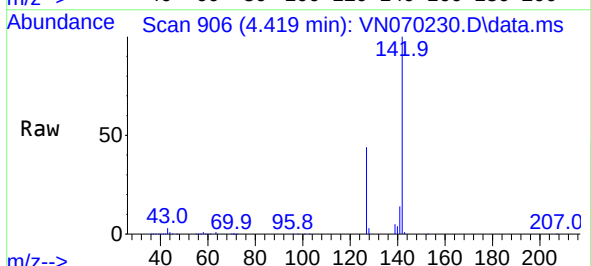
Manual Integrations
APPROVED

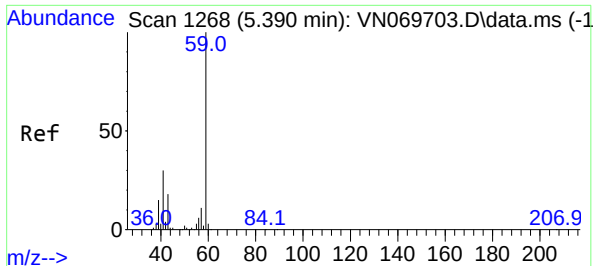
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 52.51 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

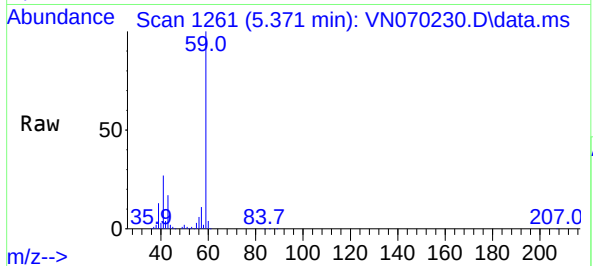
Tgt Ion:142 Resp: 728932
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 213.36 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.019 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

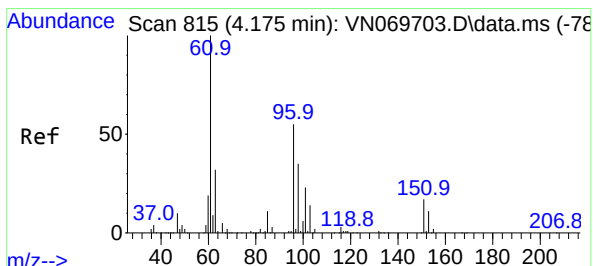
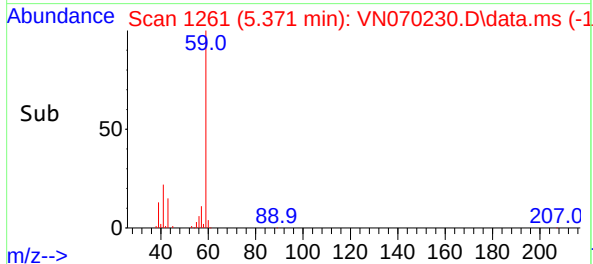
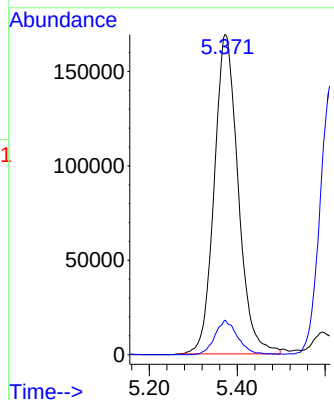
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 640114
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

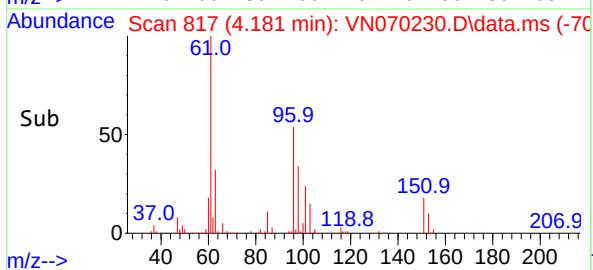
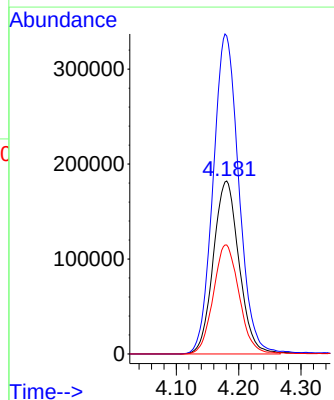
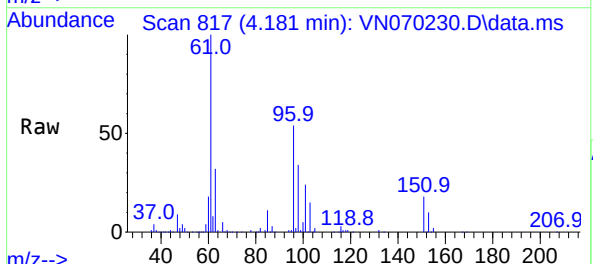
Manual Integrations
APPROVED

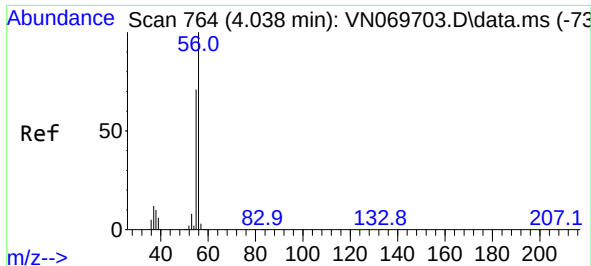
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 53.40 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

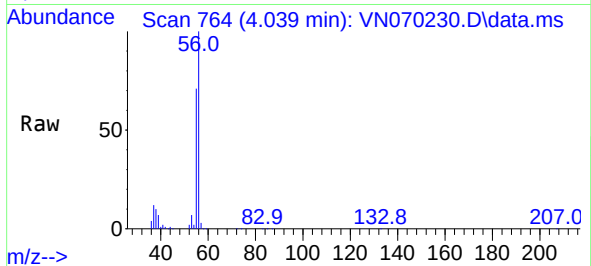
Tgt Ion: 96 Resp: 522925
Ion Ratio Lower Upper
96 100
61 183.7 131.0 196.6
98 62.9 52.4 78.6





#13
Acrolein
Concen: 242.78 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

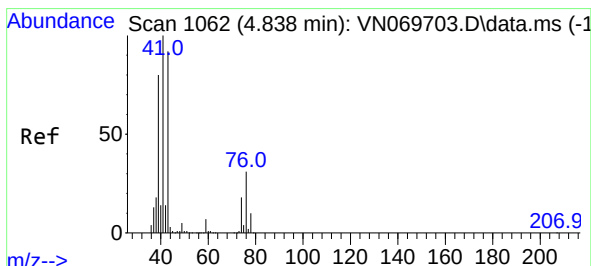
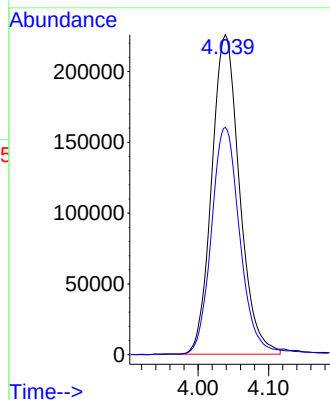
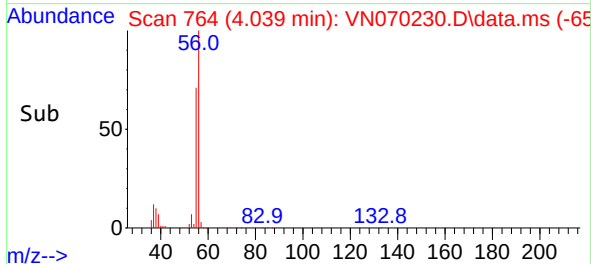
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



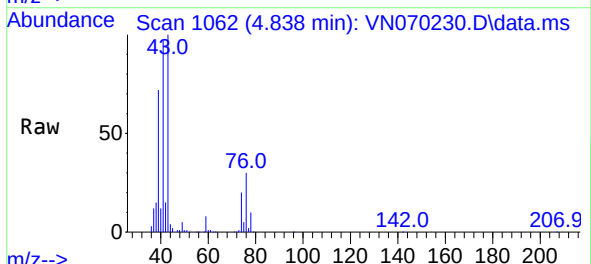
Tgt Ion: 56 Resp: 620279
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

Manual Integrations
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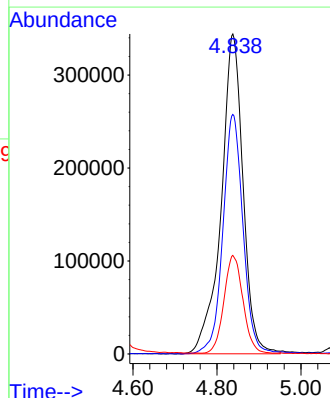
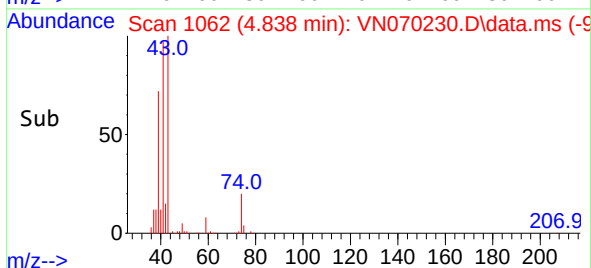
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

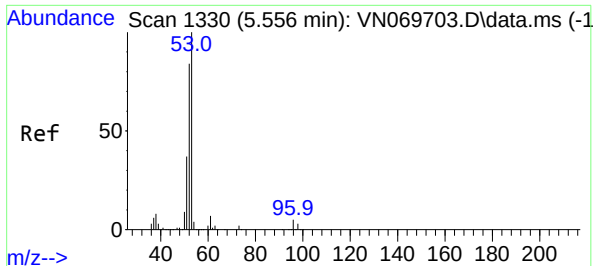


#14
Allyl chloride
Concen: 56.45 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



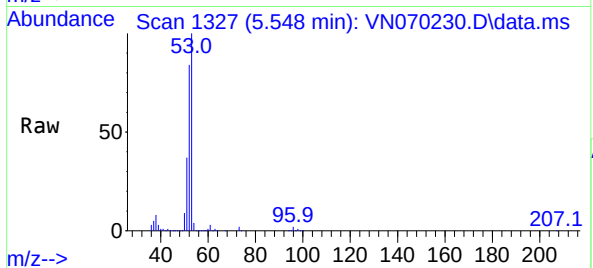
Tgt Ion: 41 Resp: 1245551
Ion Ratio Lower Upper
41 100
39 68.8 61.2 91.8
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 252.83 ug/l
RT: 5.548 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

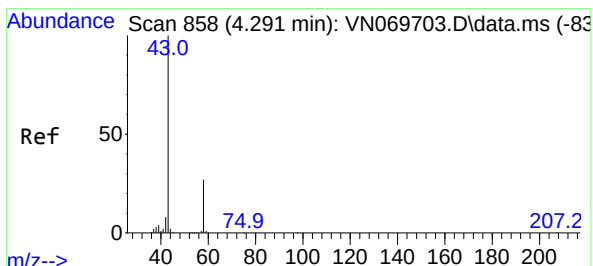
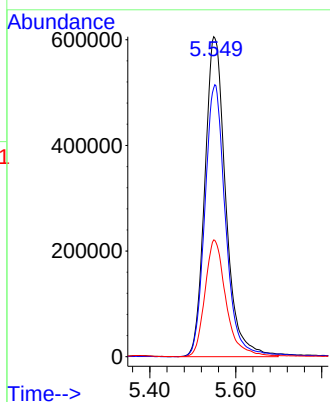
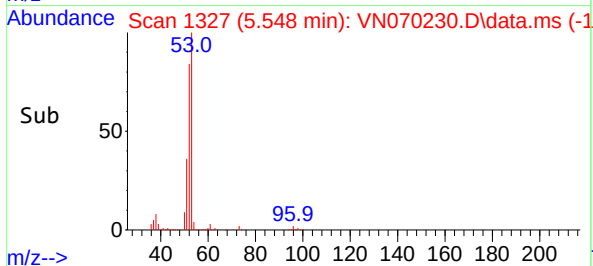
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



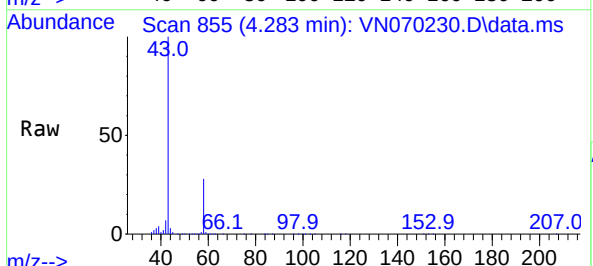
Tgt Ion: 53 Resp: 204393
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.1 29.6 44.4

Manual Integrations
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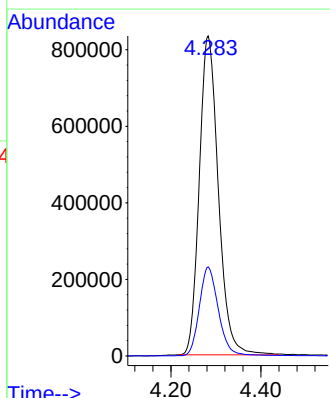
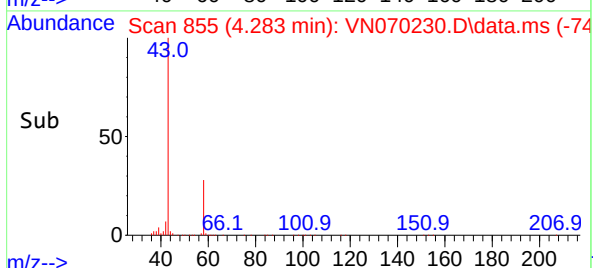
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

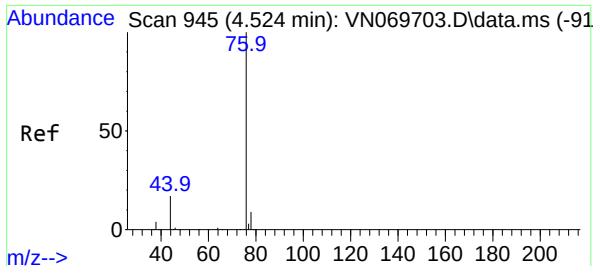


#16
Acetone
Concen: 256.68 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.008 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



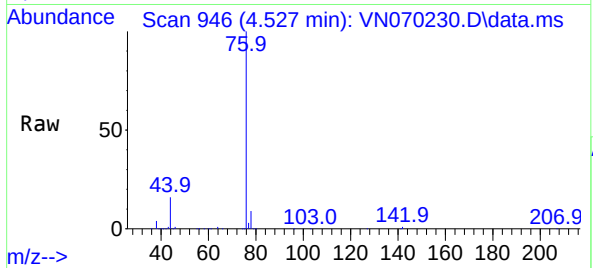
Tgt Ion: 43 Resp: 2450696
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





#17
Carbon Disulfide
Concen: 47.57 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

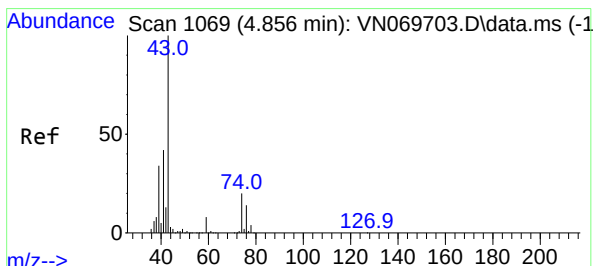
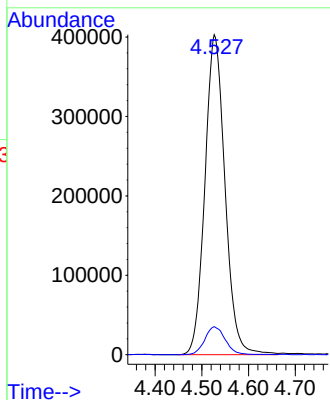
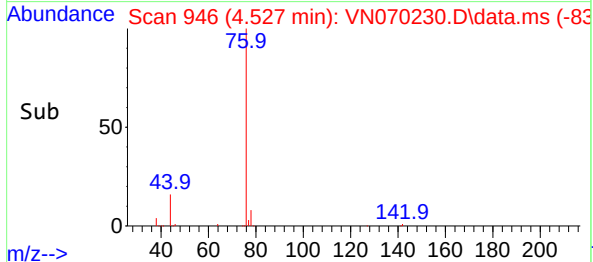
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



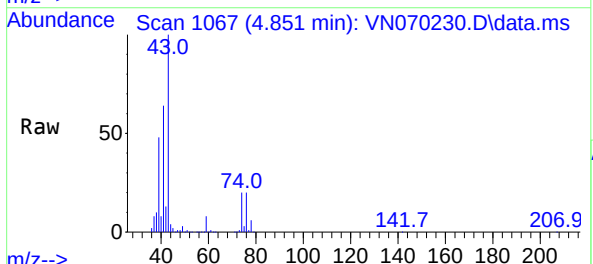
Tgt Ion: 76 Resp: 120343
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
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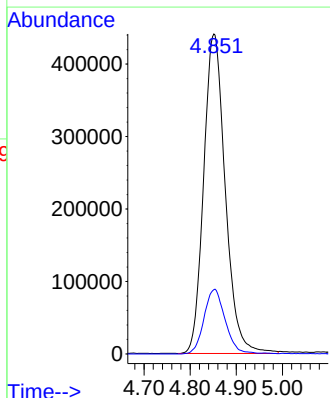
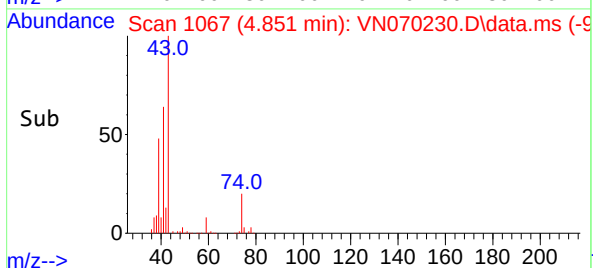
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

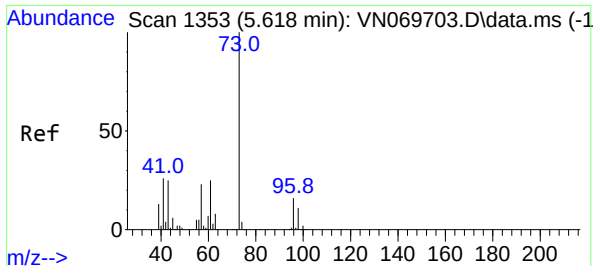


#18
Methyl Acetate
Concen: 49.83 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion: 43 Resp: 1436108
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





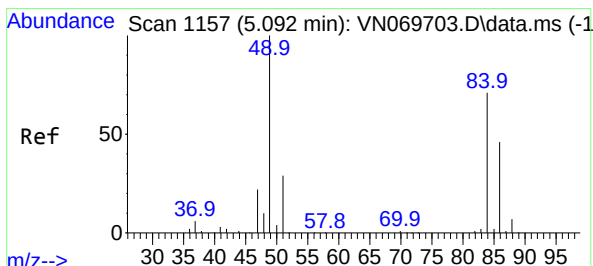
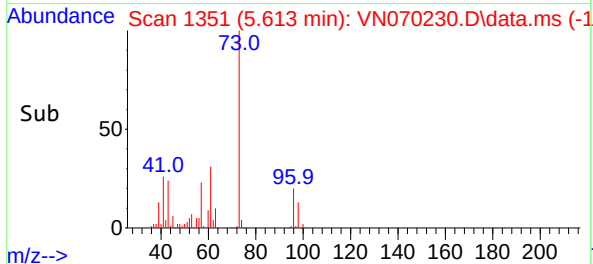
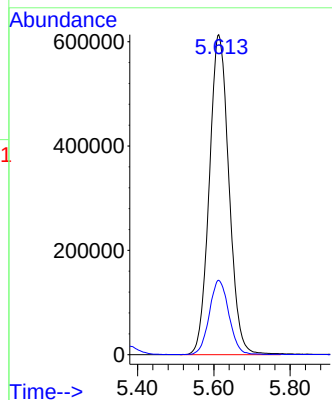
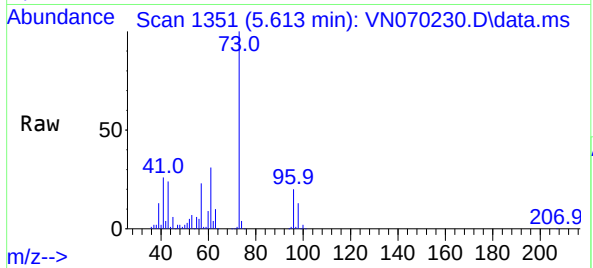
#19
Methyl tert-butyl Ether
Concen: 57.68 ug/l
RT: 5.613 min Scan# 11351
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 219591
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

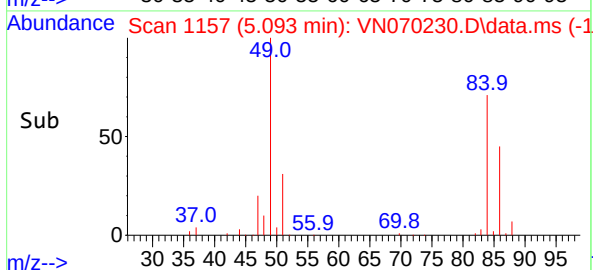
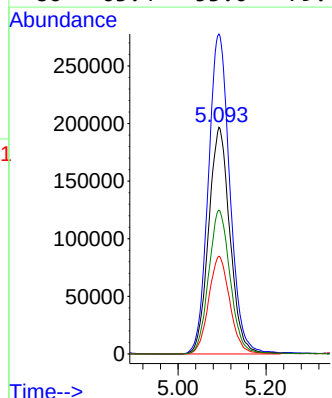
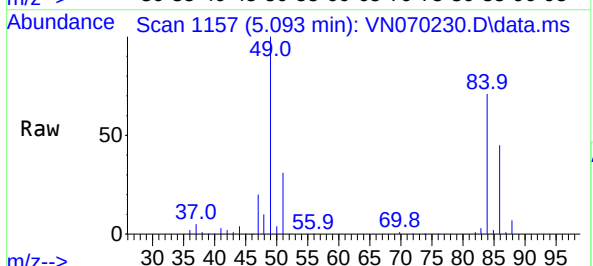
Manual Integrations
APPROVED

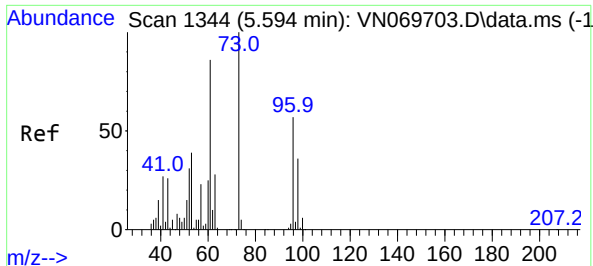
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 52.23 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

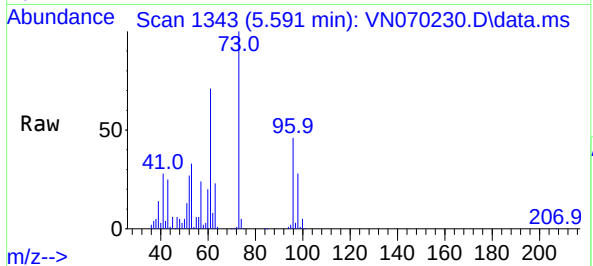
Tgt Ion: 84 Resp: 662928
Ion Ratio Lower Upper
84 100
49 141.1 93.5 140.3#
51 43.1 29.4 44.2
86 63.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 52.67 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

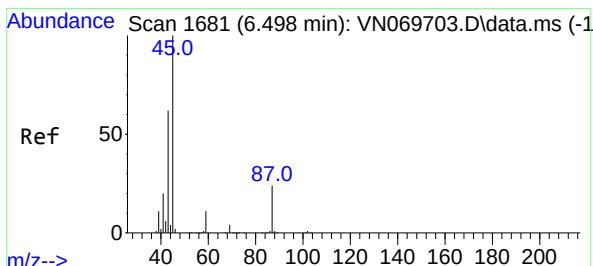
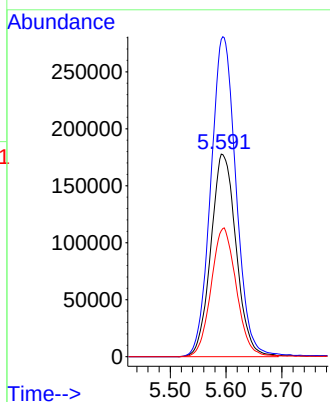
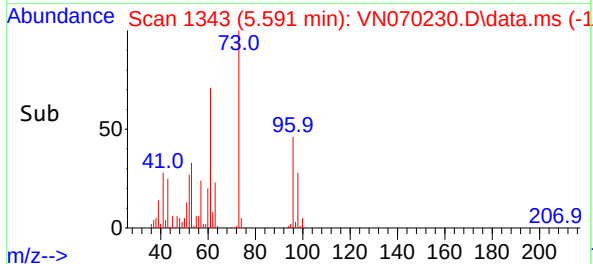
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 560159
Ion Ratio Lower Upper
96 100
61 156.6 105.8 158.6
98 62.2 52.0 78.0

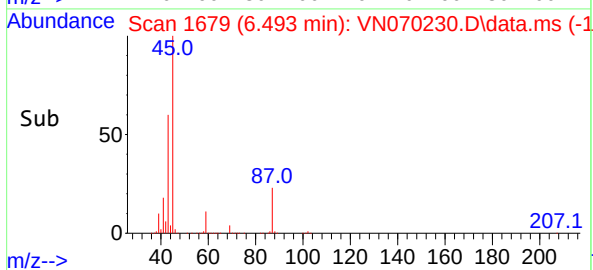
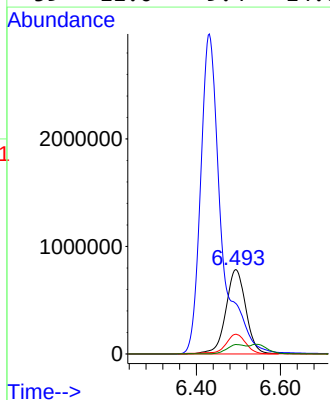
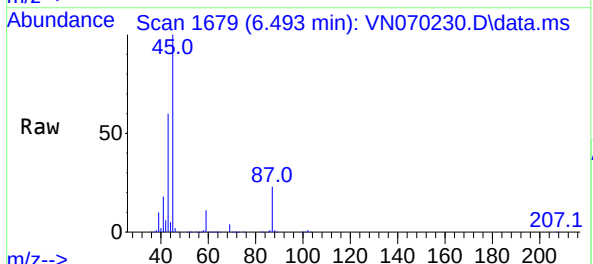
Manual Integrations
APPROVED

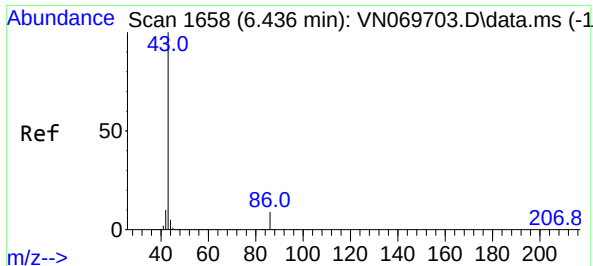
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#22
Diisopropyl ether
Concen: 60.08 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

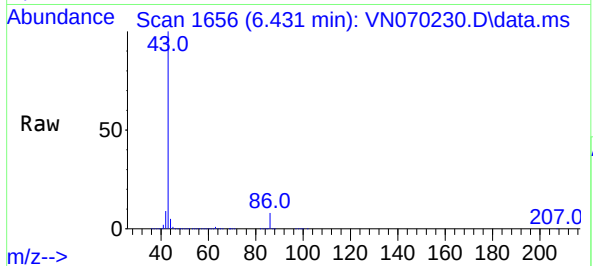
Tgt Ion: 45 Resp: 2590933
Ion Ratio Lower Upper
45 100
43 60.3 51.7 77.5
87 23.2 23.2 34.8
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 288.30 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.005 min
 Lab File: VN070230.D
 Acq: 20 Dec 2021 10:21

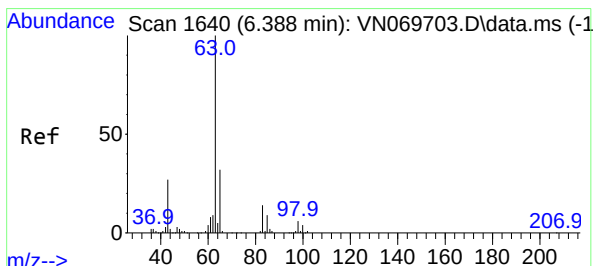
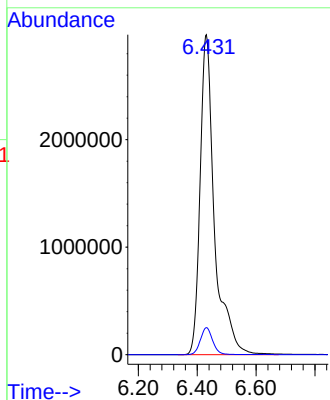
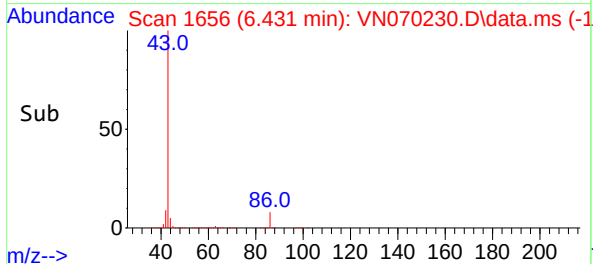
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



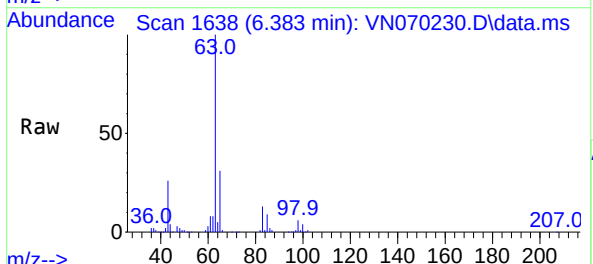
Tgt Ion: 43 Resp:1011511
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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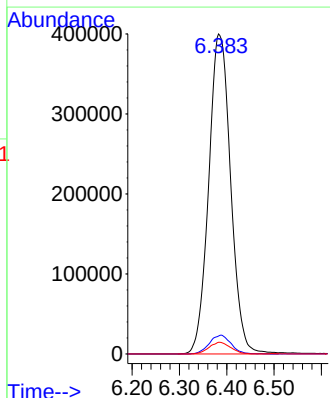
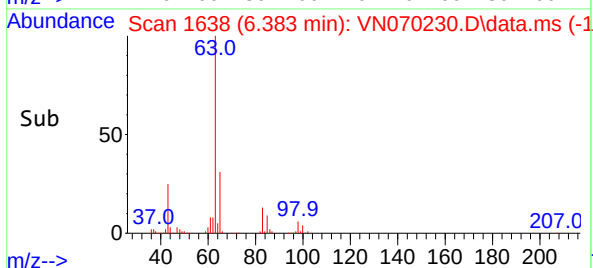
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021

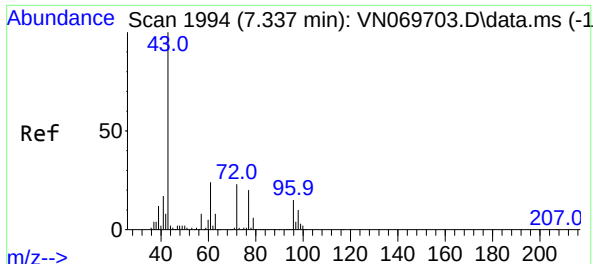


#24
 1,1-Dichloroethane
 Concen: 57.72 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN070230.D
 Acq: 20 Dec 2021 10:21



Tgt Ion: 63 Resp: 1289358
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.6 2.1 6.5





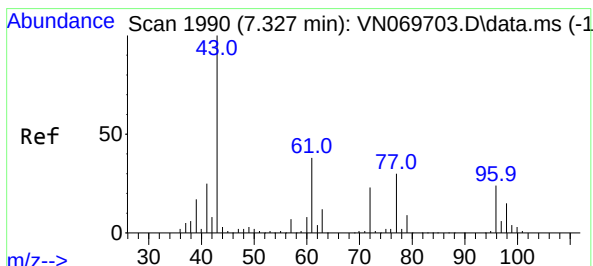
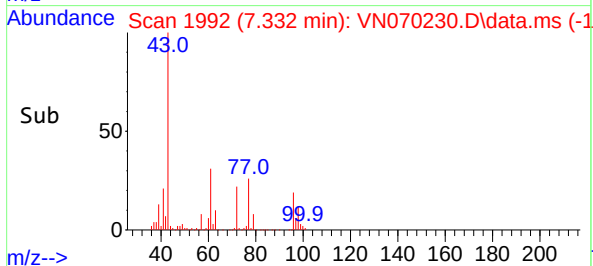
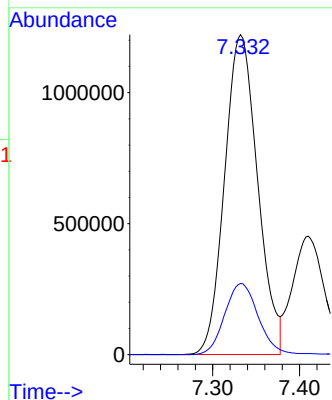
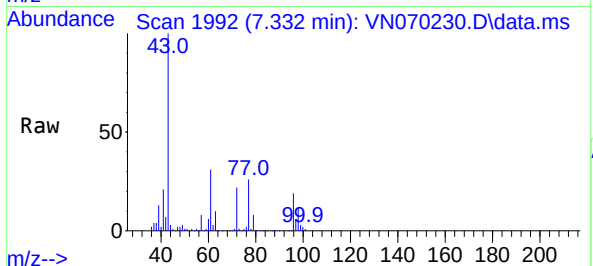
#25
2-Butanone
Concen: 248.55 ug/l
RT: 7.332 min Scan# 1989
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 3224350
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

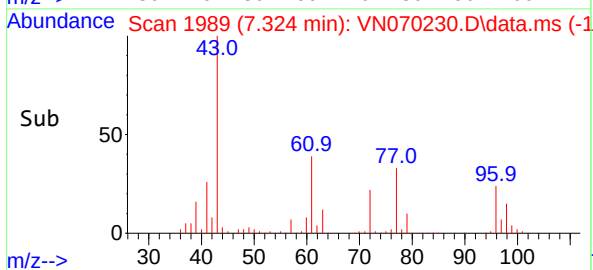
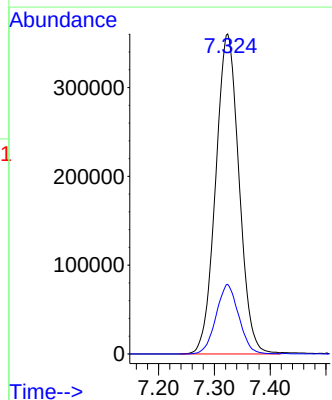
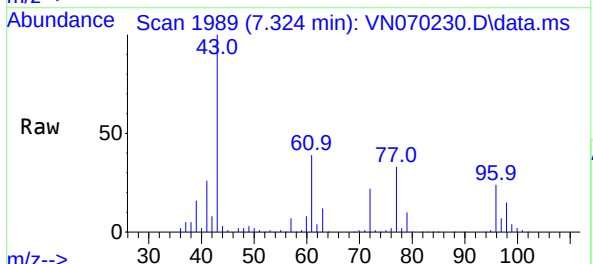
Manual Integrations
APPROVED

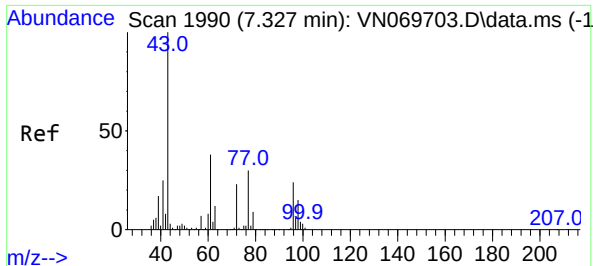
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#26
2,2-Dichloropropane
Concen: 60.38 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

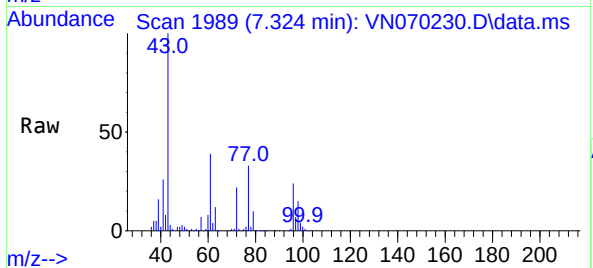
Tgt Ion: 77 Resp: 1048722
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 55.38 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

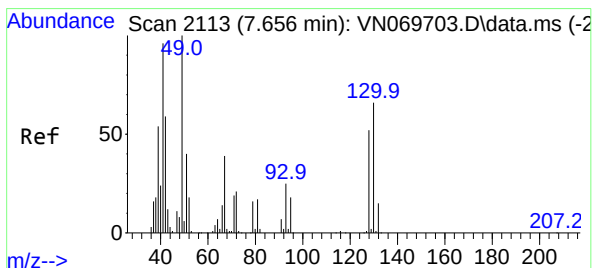
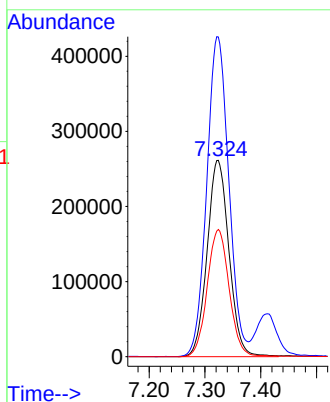
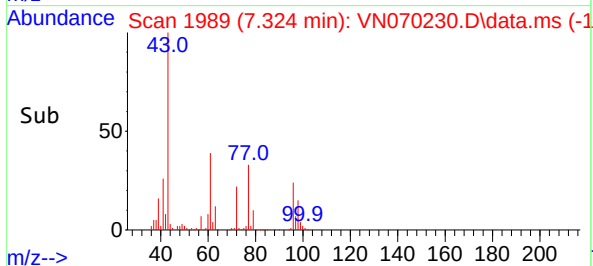
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 711550
Ion Ratio Lower Upper
96 100
61 164.3 0.0 275.0
98 64.9 0.0 129.6

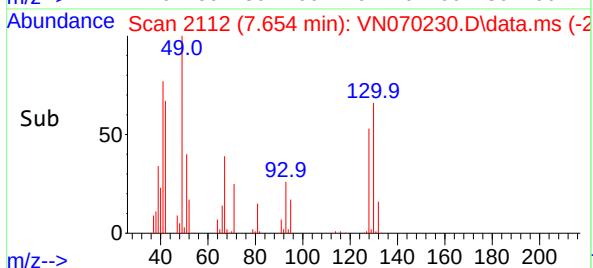
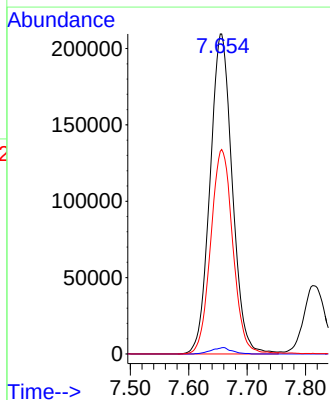
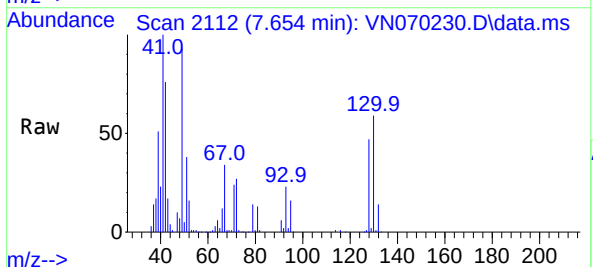
Manual Integrations
APPROVED

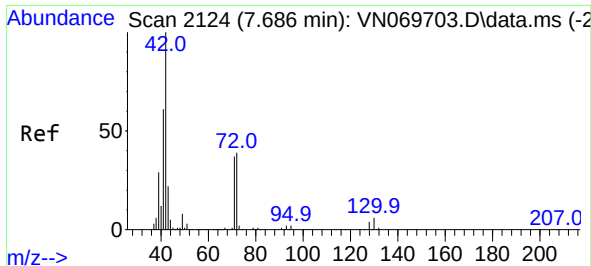
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#28
Bromochloromethane
Concen: 47.65 ug/l
RT: 7.654 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion: 49 Resp: 553569
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 63.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 243.99 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070230.D

Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1921964

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

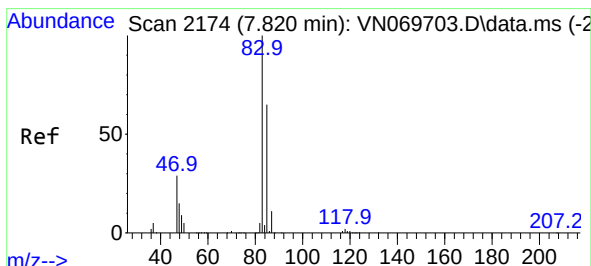
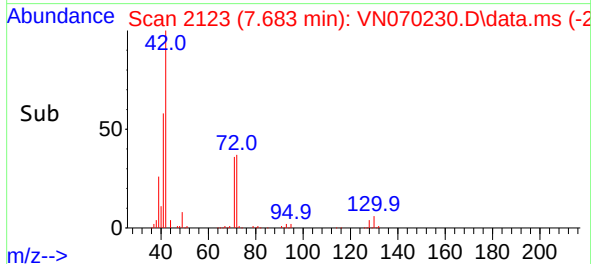
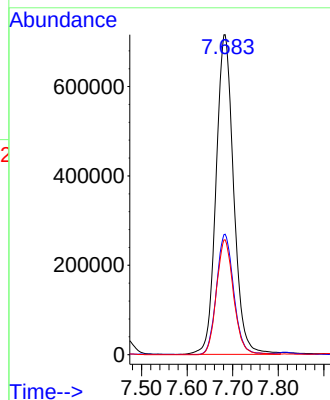
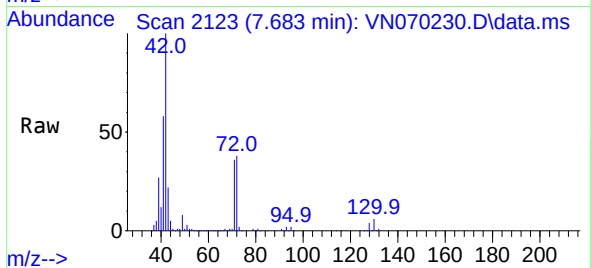
71 34.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 56.29 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.005 min

Lab File: VN070230.D

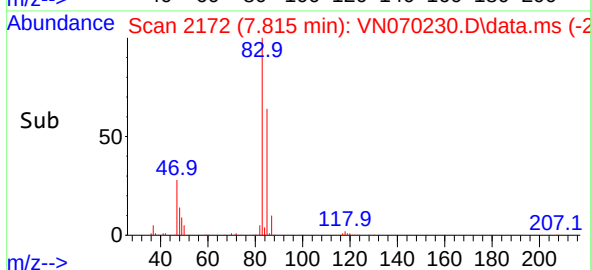
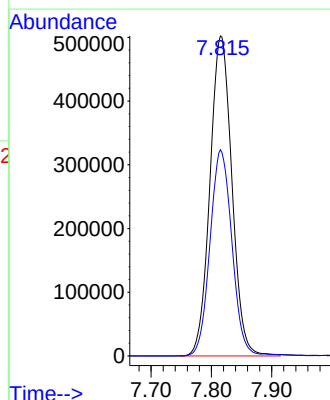
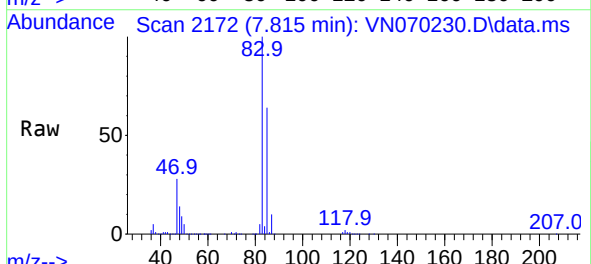
Acq: 20 Dec 2021 10:21

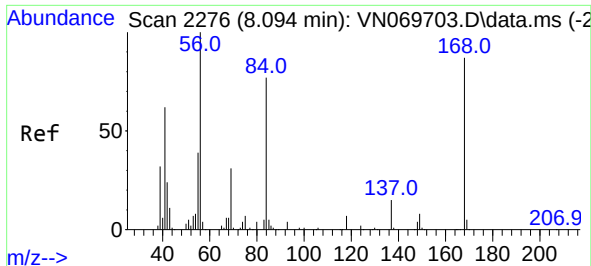
Tgt Ion: 83 Resp: 1270041

Ion Ratio Lower Upper

83 100

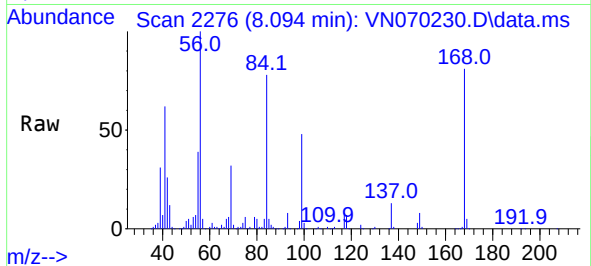
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 51.67 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

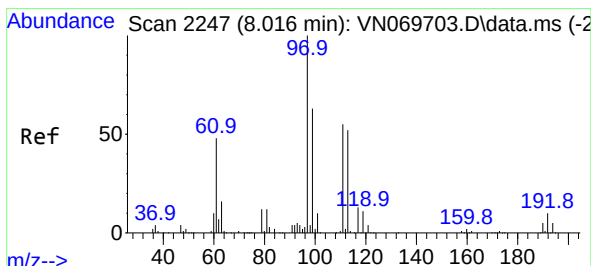
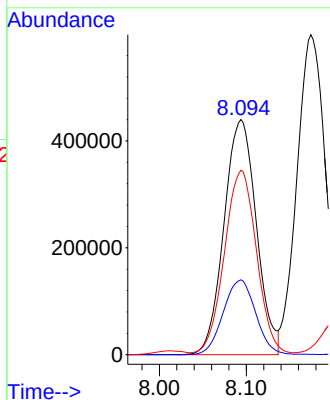
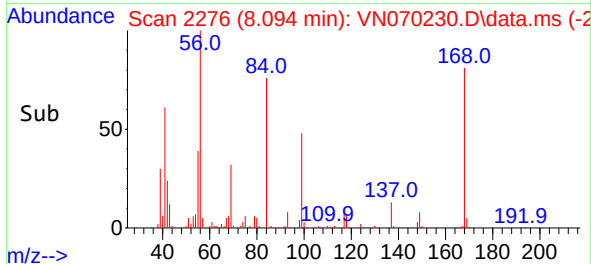
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



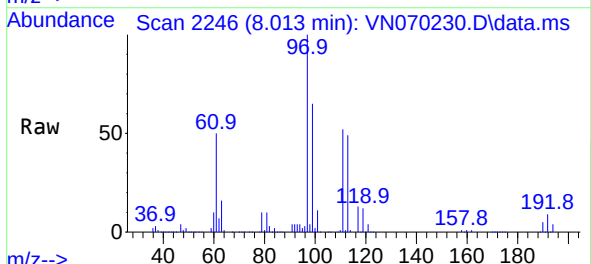
Tgt Ion: 56 Resp: 1141280
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 77.0 73.4 110.0

Manual Integrations
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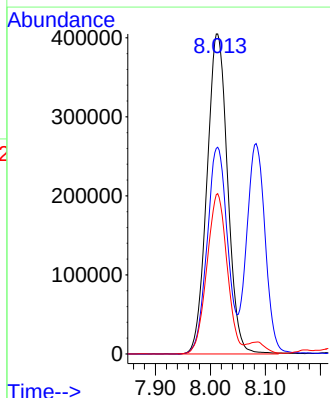
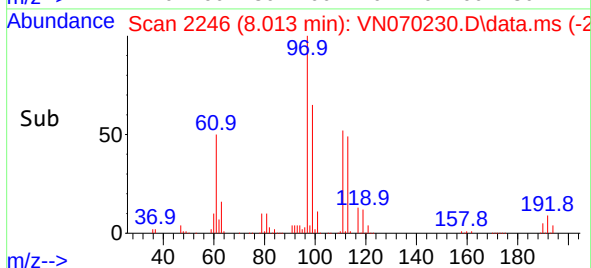
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

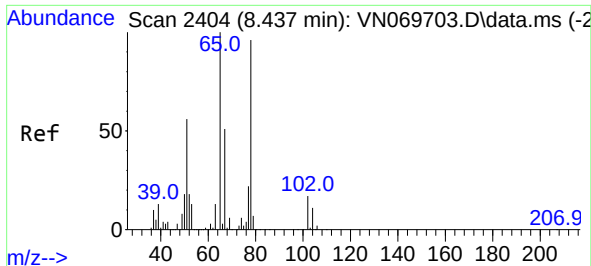


#32
1,1,1-Trichloroethane
Concen: 55.08 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



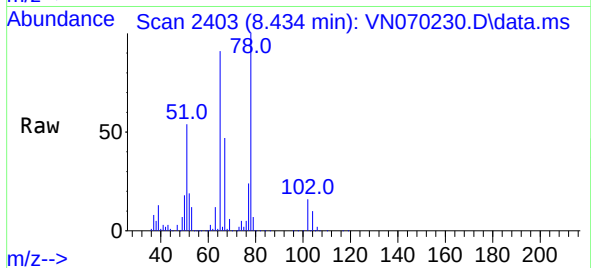
Tgt Ion: 97 Resp: 1058556
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 49.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.61 ug/l
RT: 8.434 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

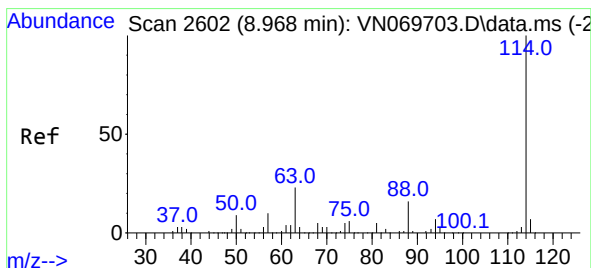
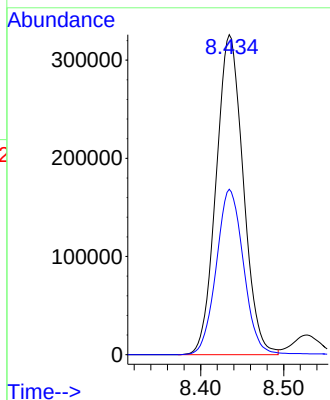
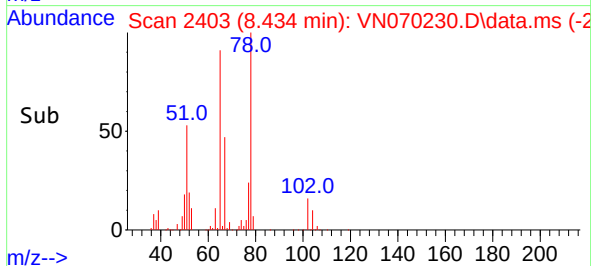
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



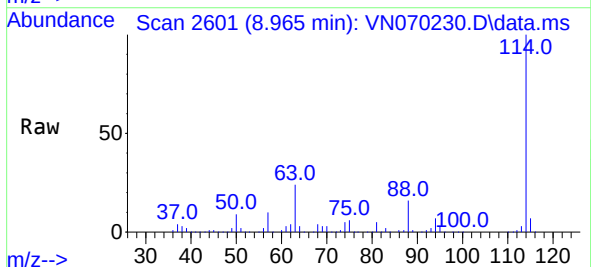
Tgt Ion: 65 Resp: 73986
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

Manual Integrations
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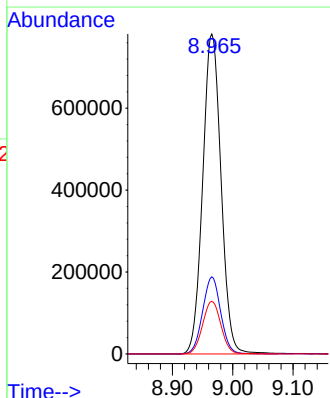
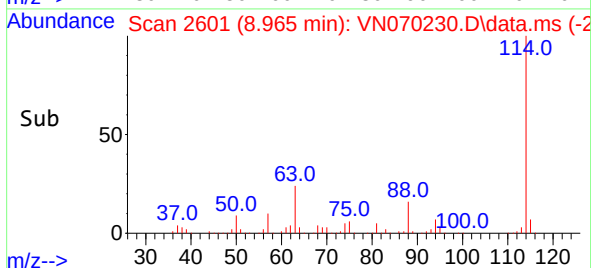
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

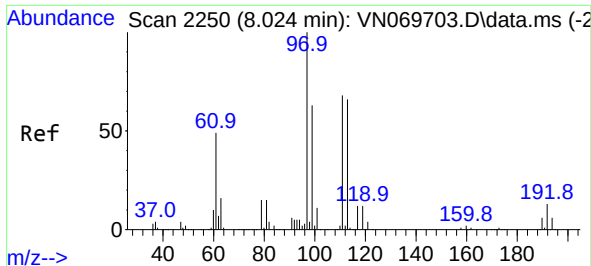


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



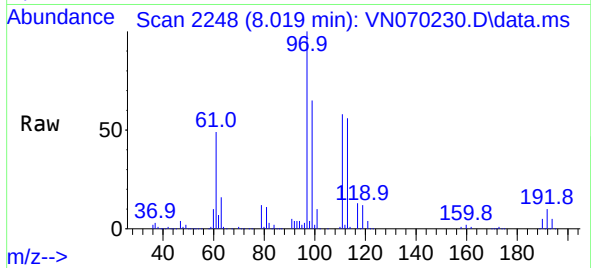
Tgt Ion:114 Resp: 1652778
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

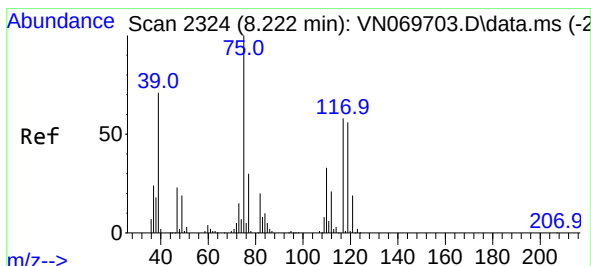
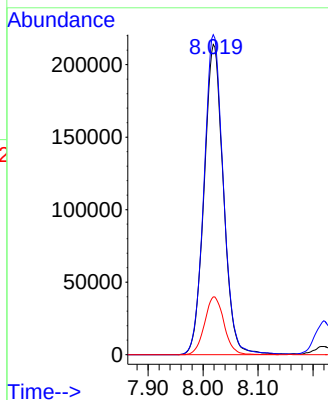
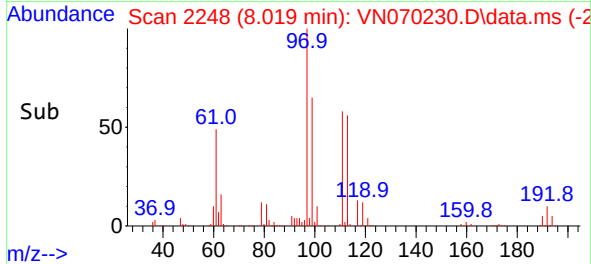
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



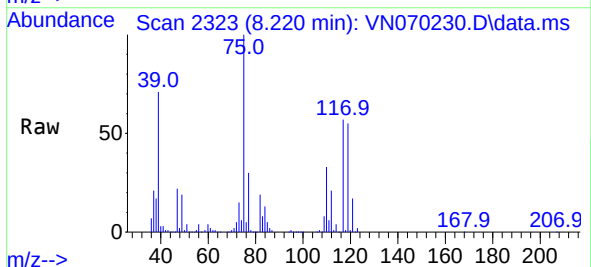
Tgt Ion:113 Resp: 521540
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.8 16.9 25.3

Manual Integrations
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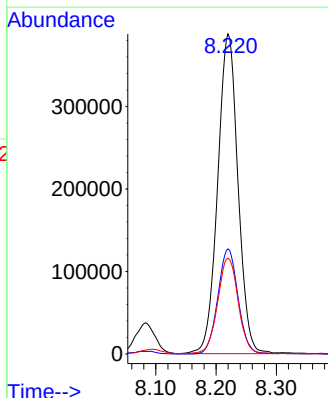
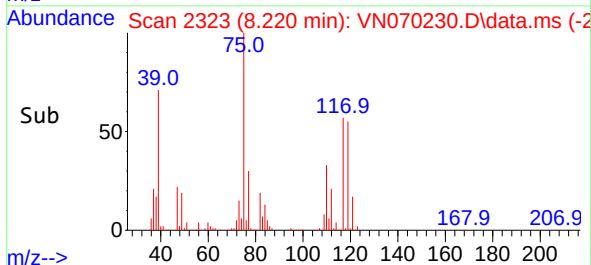
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

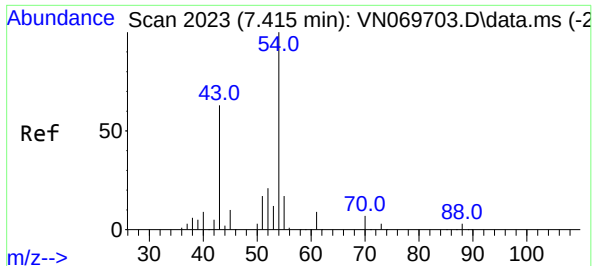


#36
1,1-Dichloropropene
Concen: 57.58 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion: 75 Resp: 905980
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 49.73 ug/l
RT: 7.410 min Scan# 2021
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

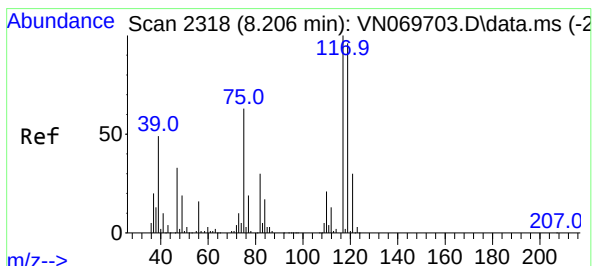
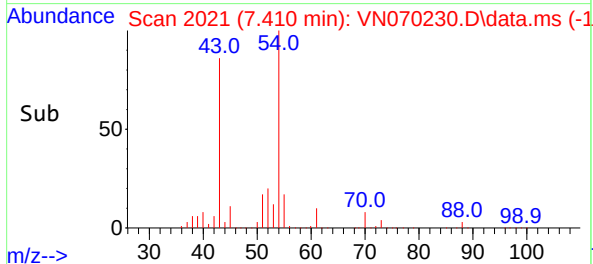
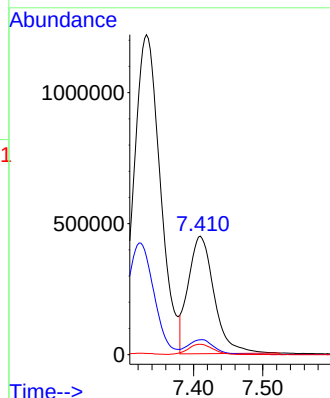
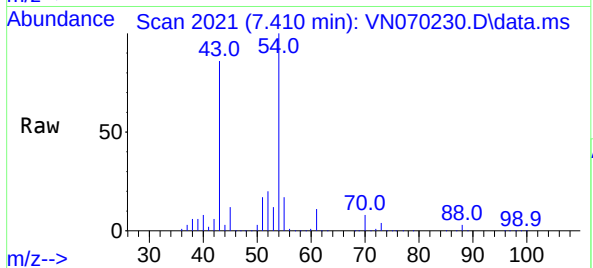
VSTDCCC050

Tgt Ion: 43 Resp: 116467
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.6 7.9 11.9

Manual Integrations

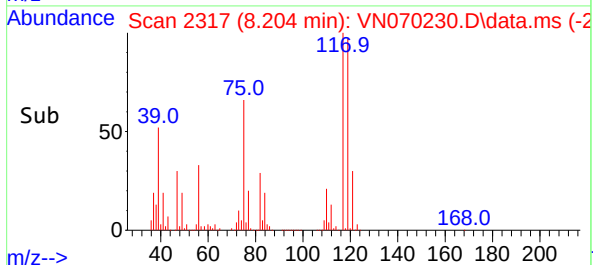
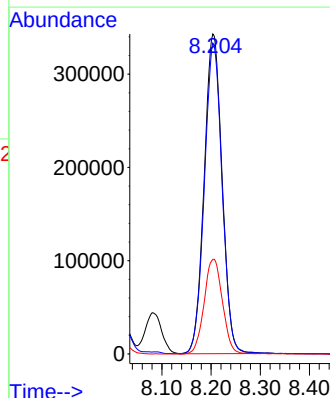
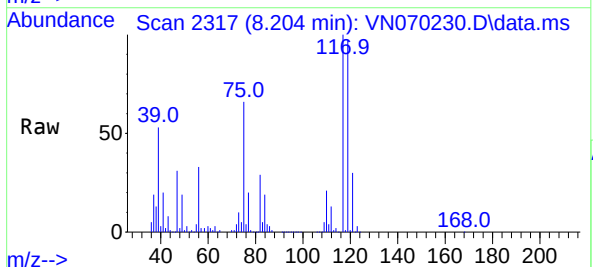
APPROVED

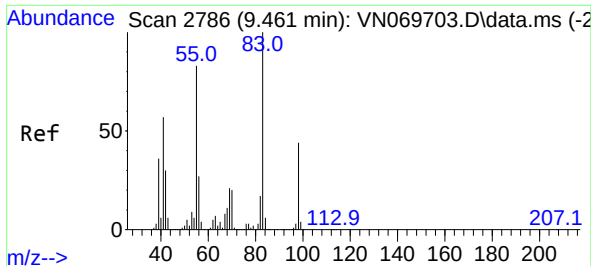
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 56.15 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion:117 Resp: 866290
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 29.6 24.2 36.2





#39

Methylcyclohexane

Concen: 57.51 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070230.D

Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 107622

Ion Ratio Lower Upper

83 100

55 84.4 58.1 87.1

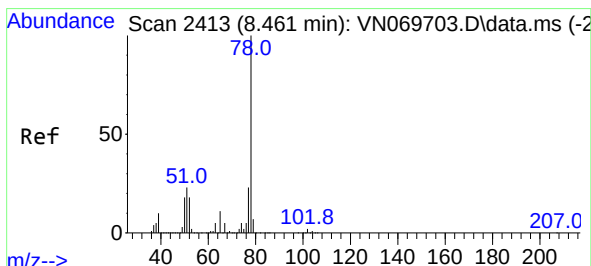
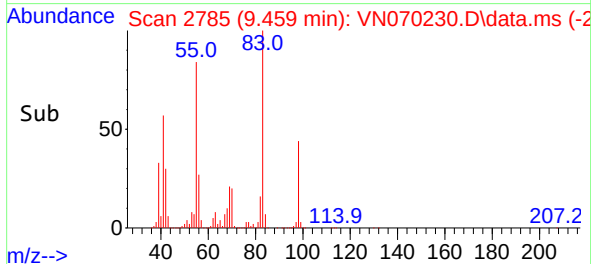
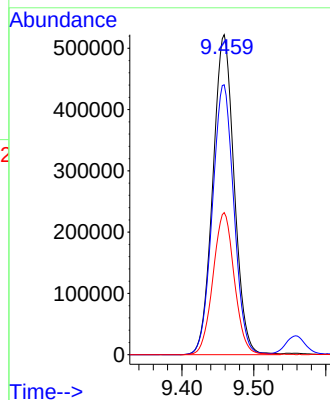
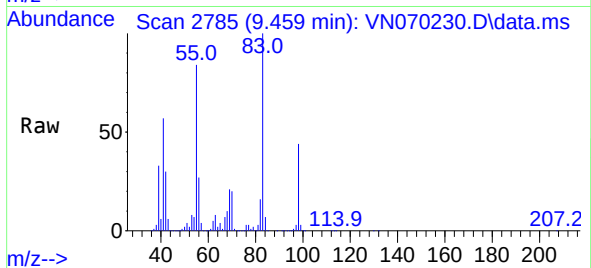
98 44.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#40

Benzene

Concen: 56.75 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN070230.D

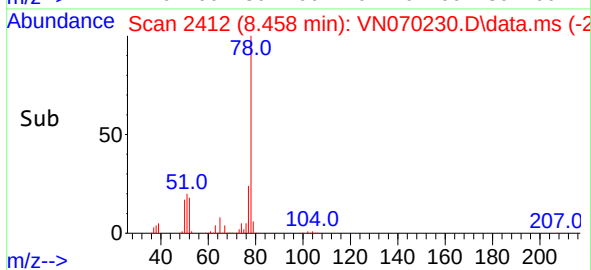
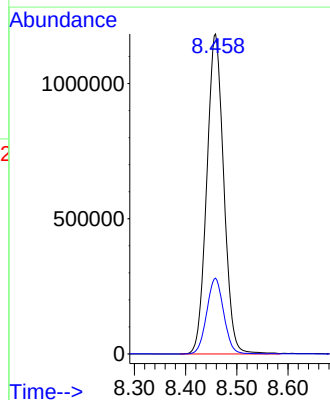
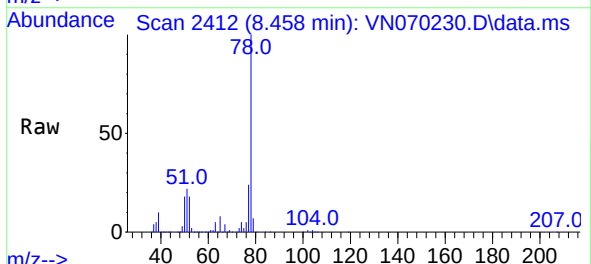
Acq: 20 Dec 2021 10:21

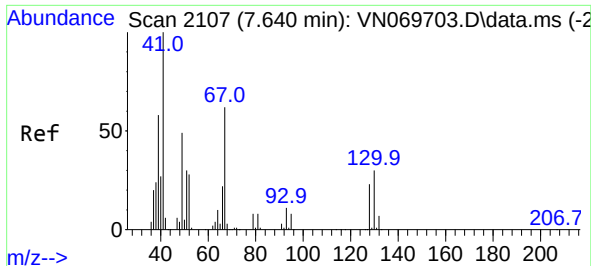
Tgt Ion: 78 Resp: 2729311

Ion Ratio Lower Upper

78 100

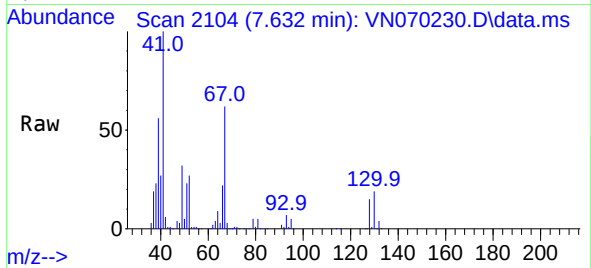
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 56.11 ug/l
RT: 7.632 min Scan# 2104
Delta R.T. -0.008 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

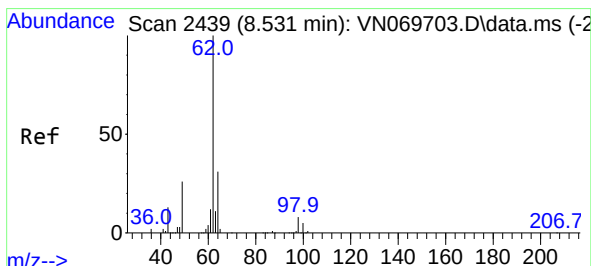
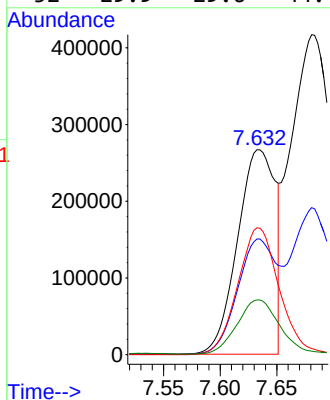
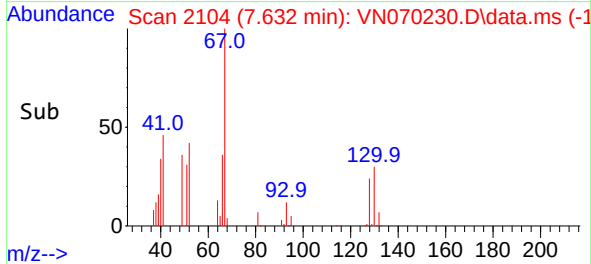
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 61685
Ion Ratio Lower Upper
41 100
39 61.5 48.1 72.1
67 69.0 68.3 102.5
52 29.9 29.6 44.4

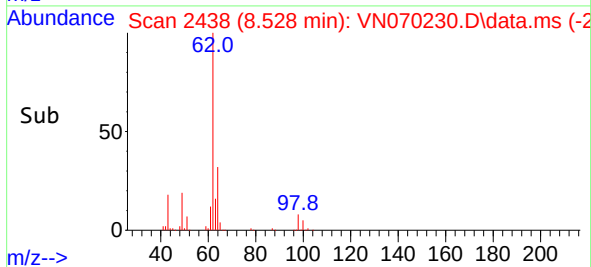
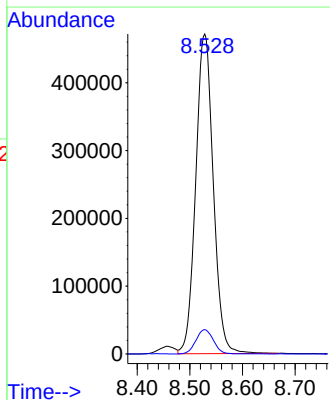
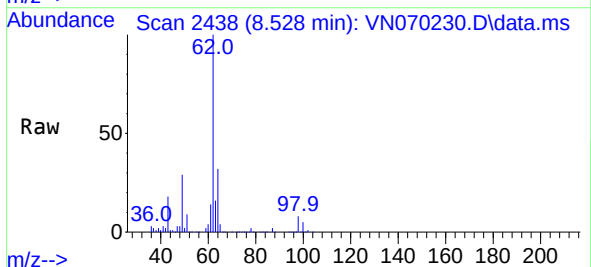
Manual Integrations
APPROVED

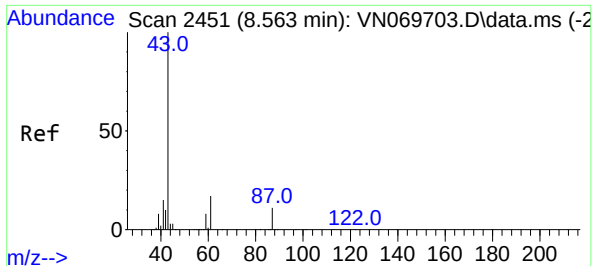
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 56.21 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

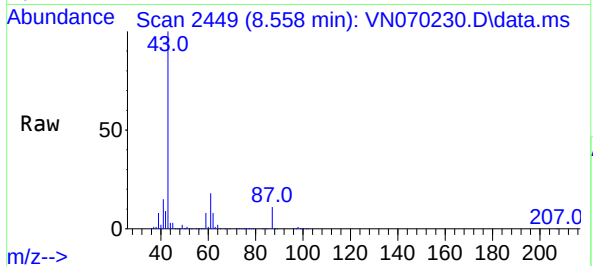
Tgt Ion: 62 Resp: 1091329
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.07 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

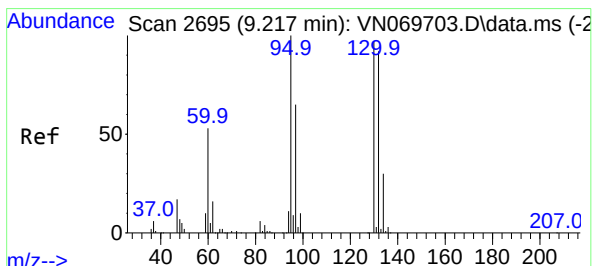
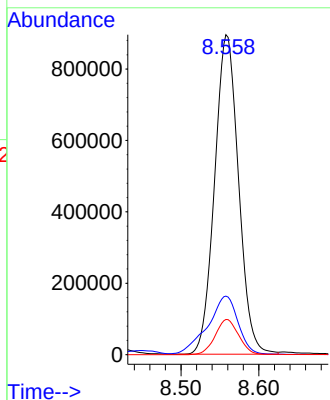
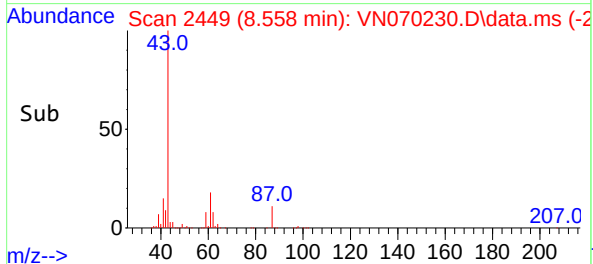
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1908430
Ion Ratio Lower Upper
43 100
61 23.4 20.4 30.6
87 10.9 11.2 16.8

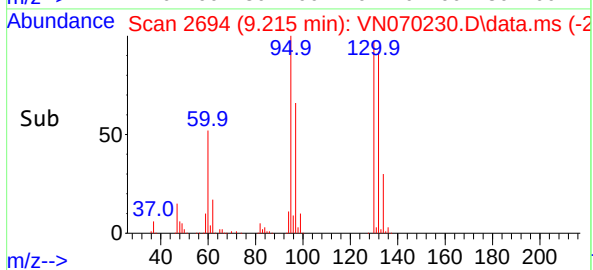
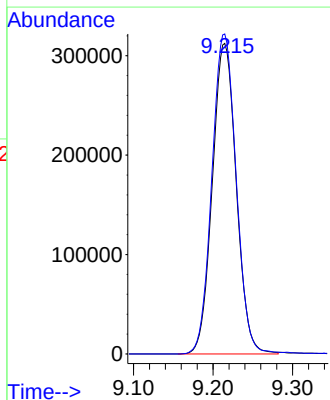
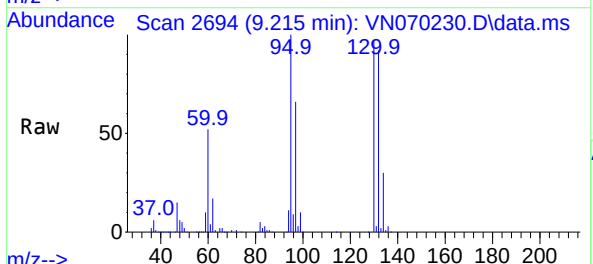
Manual Integrations
APPROVED

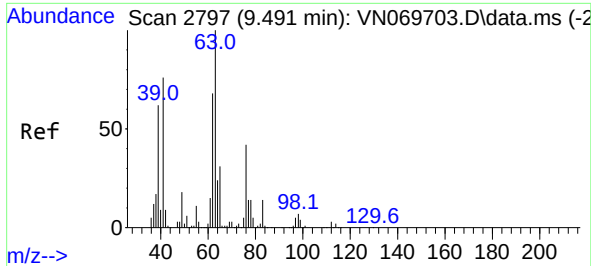
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 56.96 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

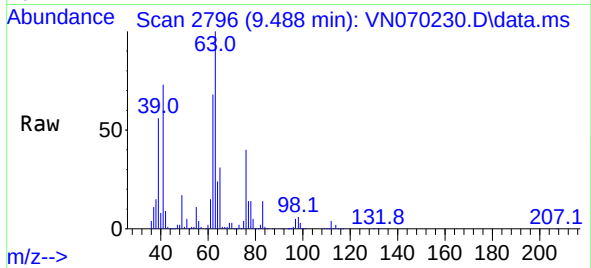
Tgt Ion:130 Resp: 653813
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 59.64 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

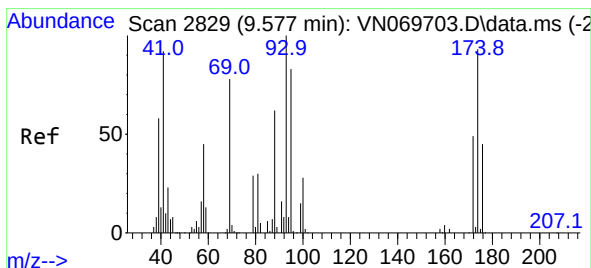
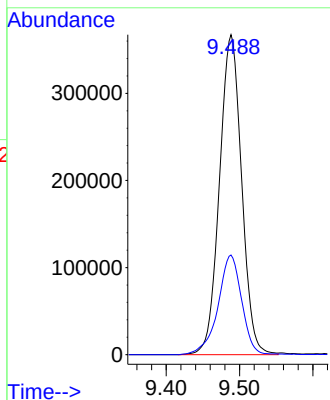
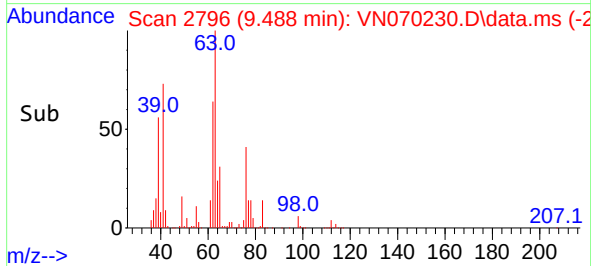
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



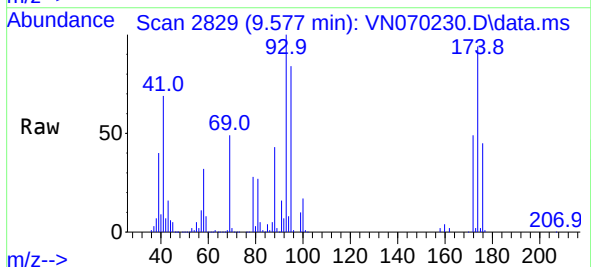
Tgt Ion: 63 Resp: 770208
Ion Ratio Lower Upper
63 100
65 31.2 24.7 37.1

Manual Integrations
APPROVED

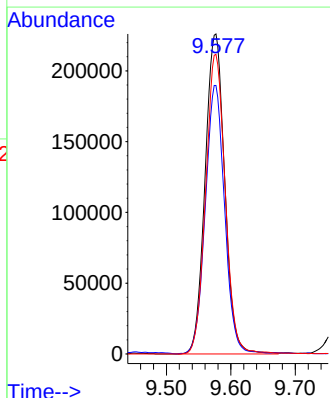
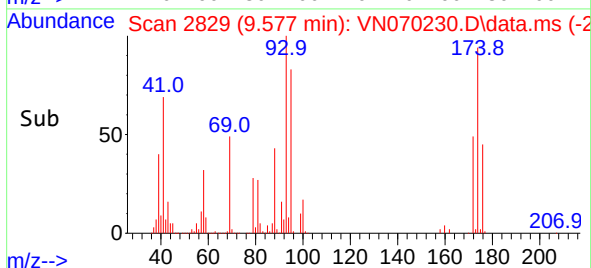
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

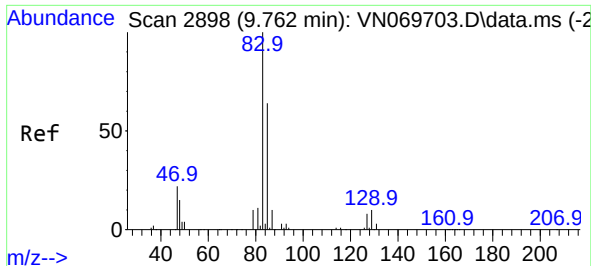


#46
Dibromomethane
Concen: 56.37 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion: 93 Resp: 477467
Ion Ratio Lower Upper
93 100
95 82.9 65.9 98.9
174 93.0 84.6 127.0





#47
Bromodichloromethane
Concen: 62.14 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

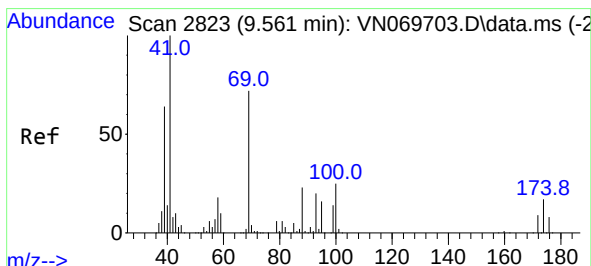
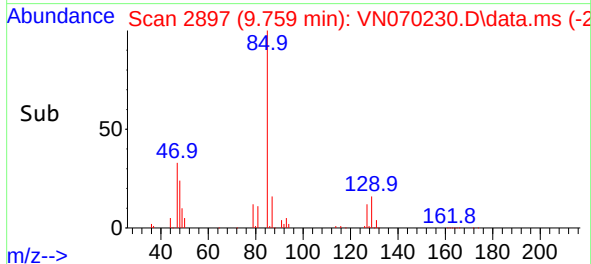
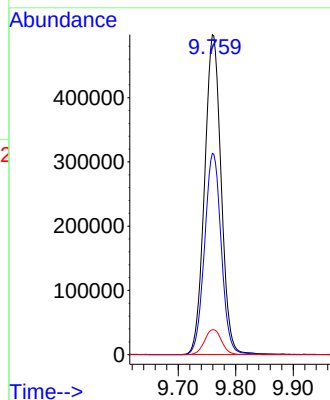
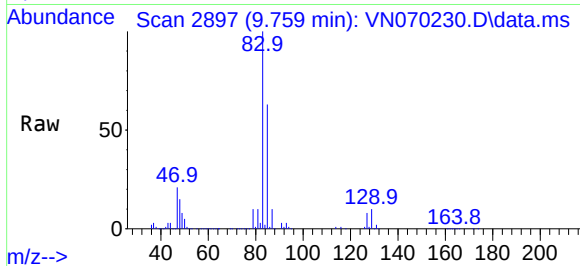
VSTDCCC050

Tgt Ion: 83 Resp: 99654
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations

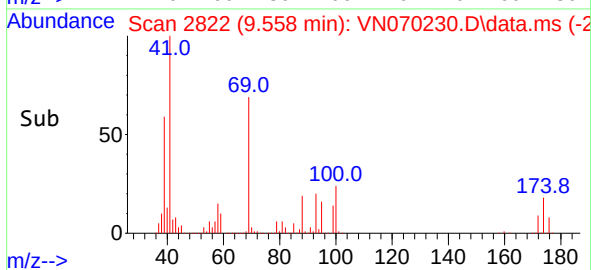
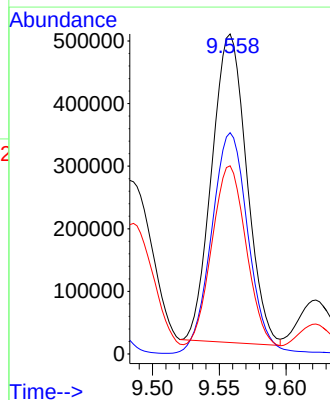
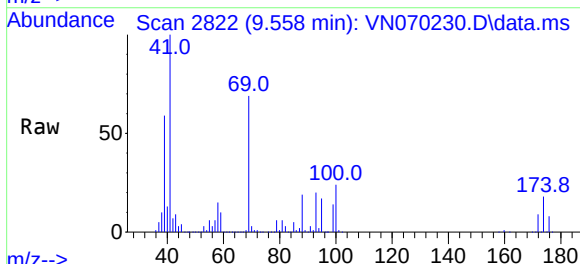
APPROVED

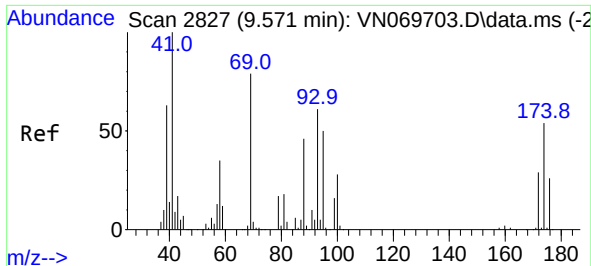
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 55.46 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion: 41 Resp: 896959
Ion Ratio Lower Upper
41 100
69 75.7 72.4 108.6
39 62.8 58.4 87.6





#49

1,4-Dioxane

Concen: 916.32 ug/l

RT: 9.566 min Scan# 2827

Delta R.T. -0.005 min

Lab File: VN070230.D

Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 26590

Ion Ratio Lower Upper

88 100

43 36.9 23.4 35.2

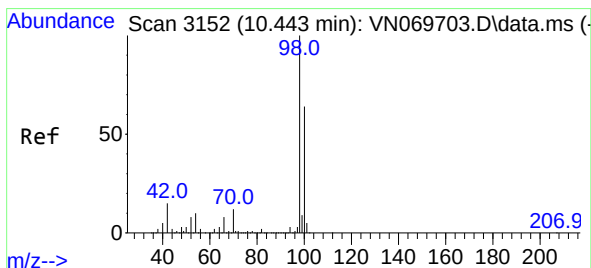
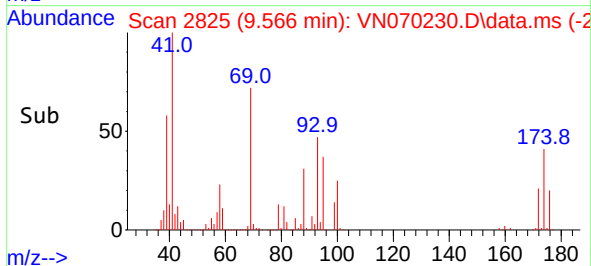
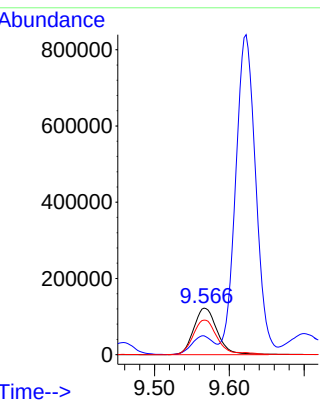
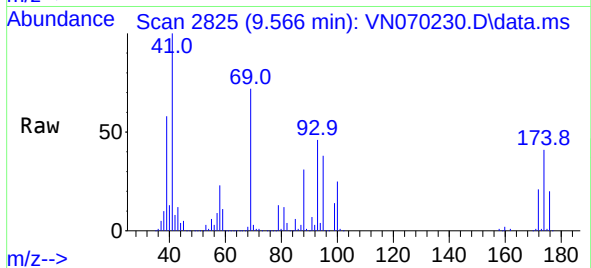
58 78.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 48.72 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070230.D

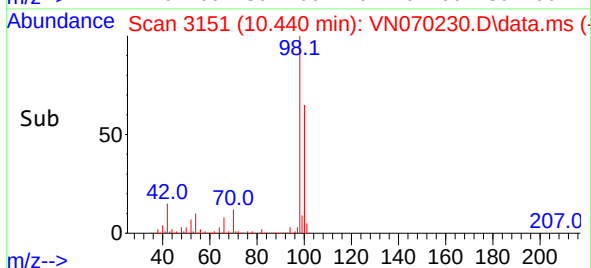
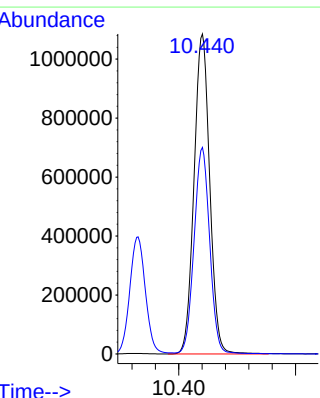
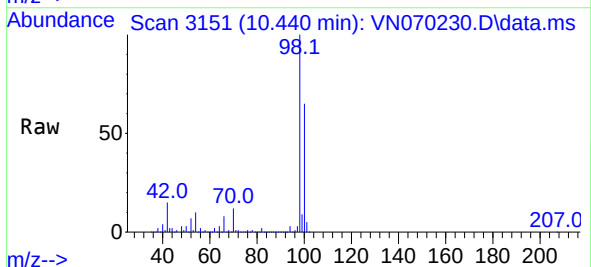
Acq: 20 Dec 2021 10:21

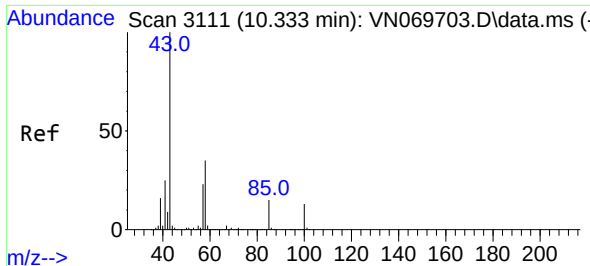
Tgt Ion: 98 Resp: 2025173

Ion Ratio Lower Upper

98 100

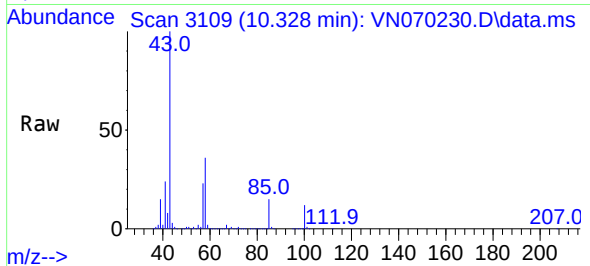
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 274.70 ug/l
RT: 10.328 min Scan# 3111
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

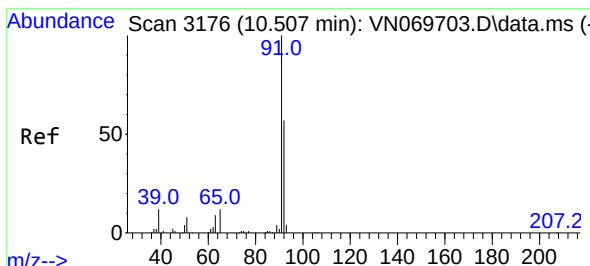
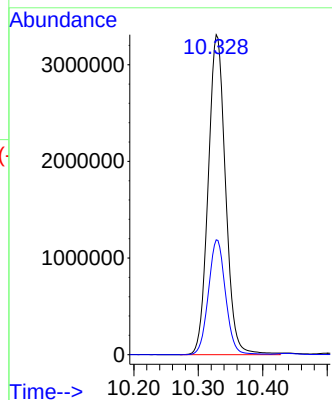
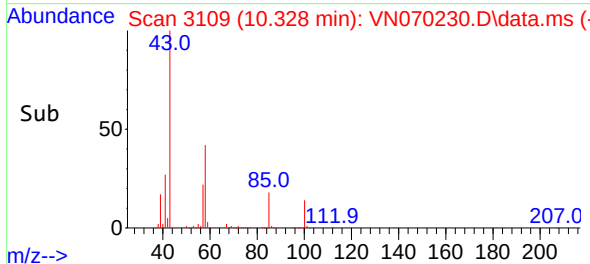
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 6175762
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

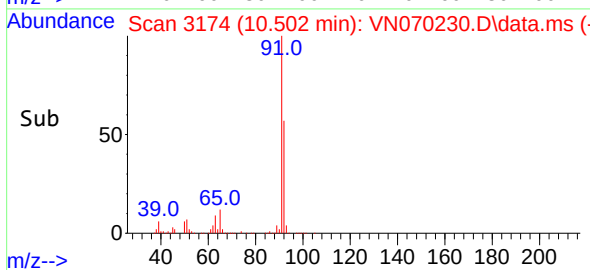
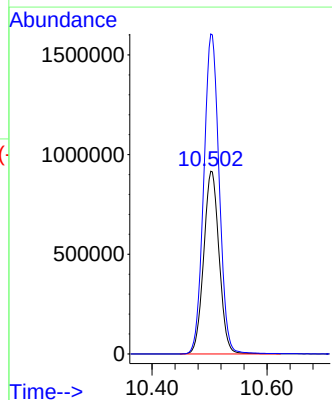
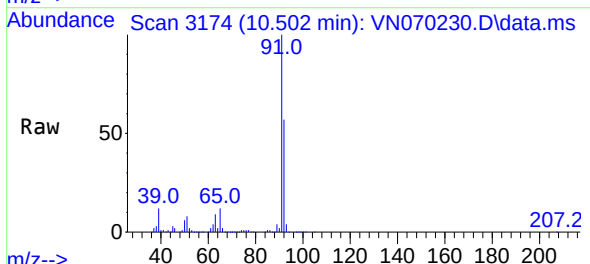
Manual Integrations
APPROVED

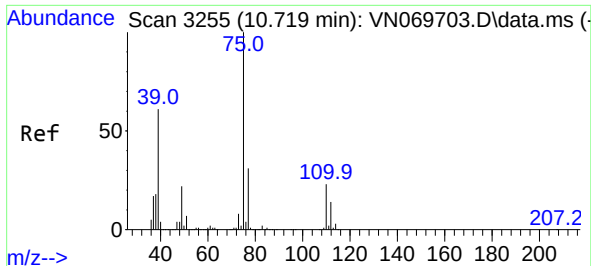
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 57.99 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

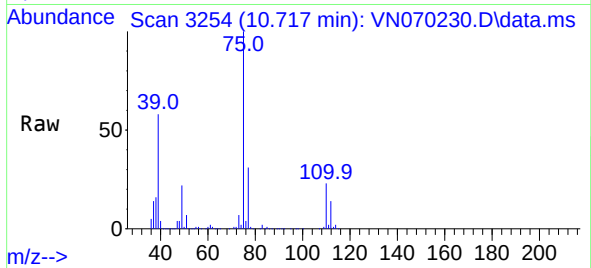
Tgt Ion: 92 Resp: 1702644
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 55.87 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

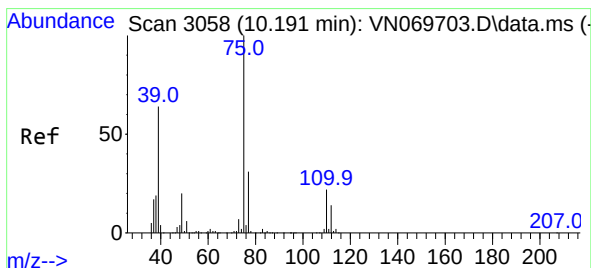
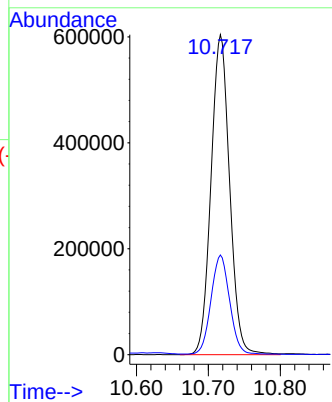
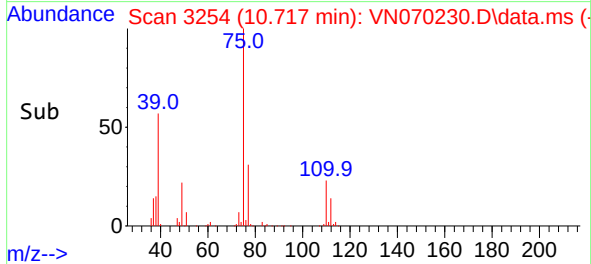
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



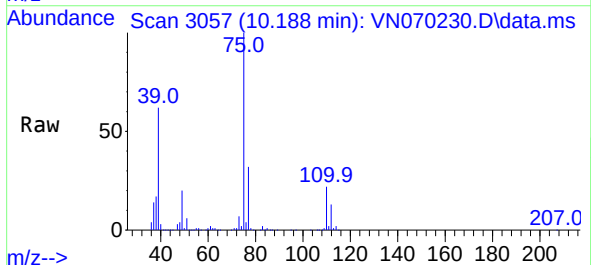
Tgt Ion: 75 Resp: 108445
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
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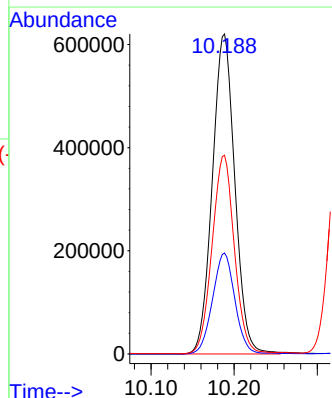
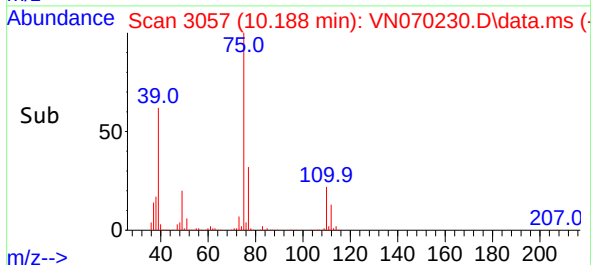
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

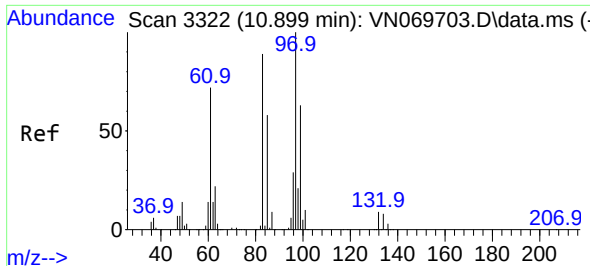


#54
cis-1,3-Dichloropropene
Concen: 57.34 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



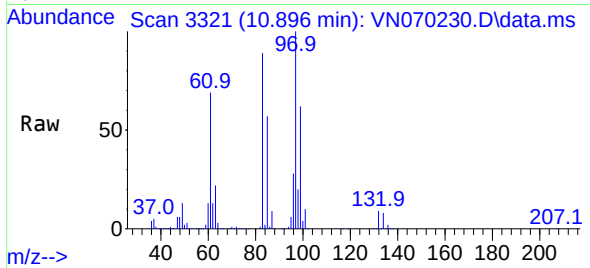
Tgt Ion: 75 Resp: 1166995
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 62.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 58.93 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

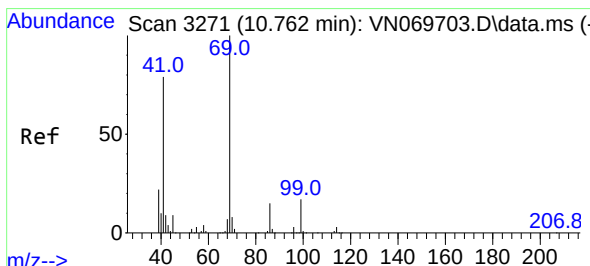
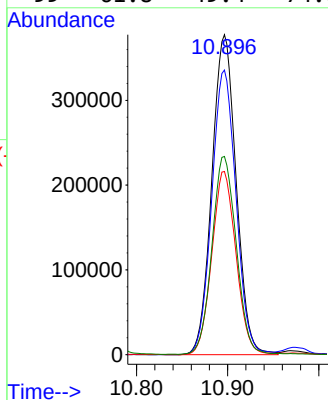
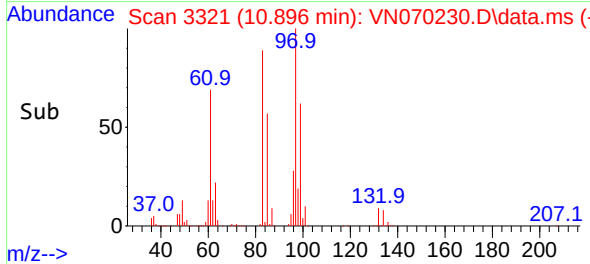
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



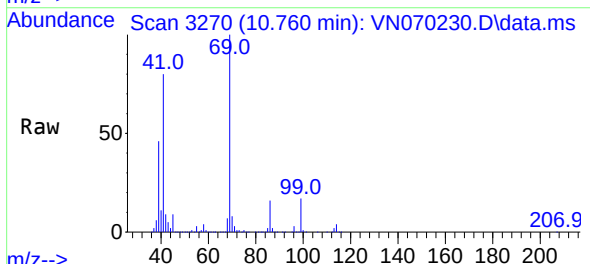
Tgt Ion: 97 Resp: 69814
Ion Ratio Lower Upper
97 100
83 88.9 67.8 101.6
85 57.3 45.4 68.2
99 61.8 49.4 74.0

Manual Integrations
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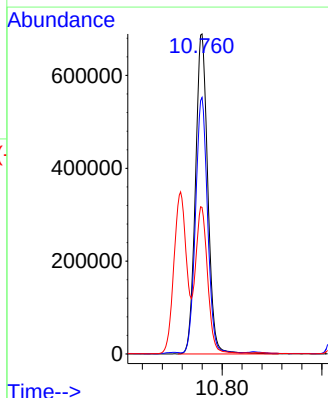
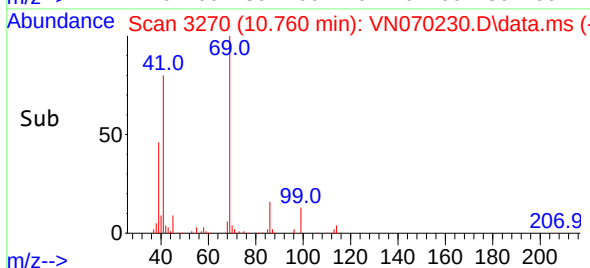
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

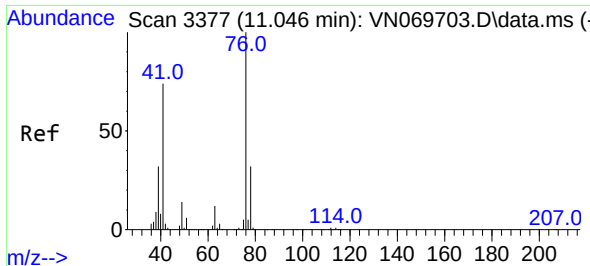


#56
Ethyl methacrylate
Concen: 52.82 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion: 69 Resp: 1183575
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 44.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 59.14 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.005 min

Lab File: VN070230.D

Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1233720

Ion Ratio Lower Upper

76 100

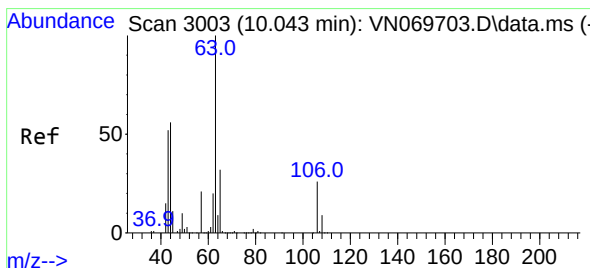
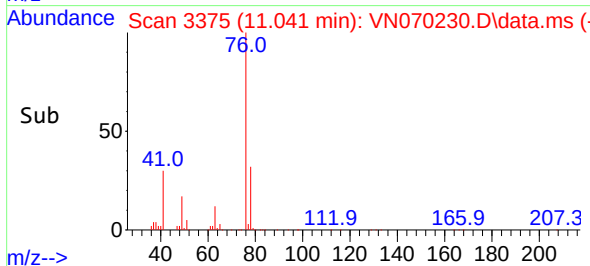
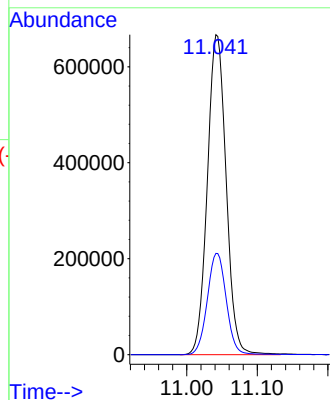
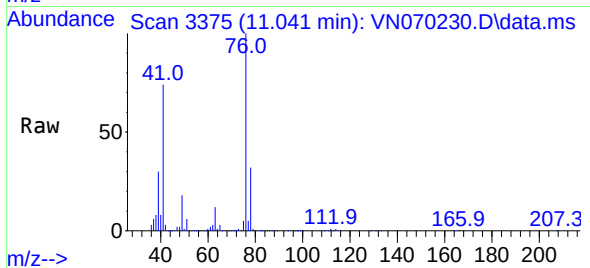
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 224.97 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.005 min

Lab File: VN070230.D

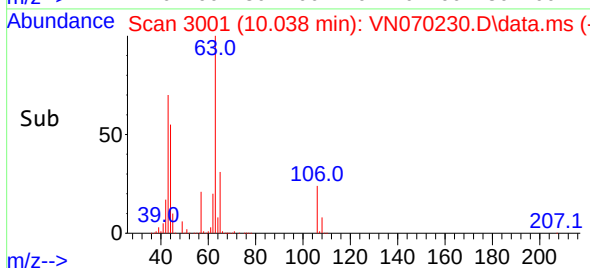
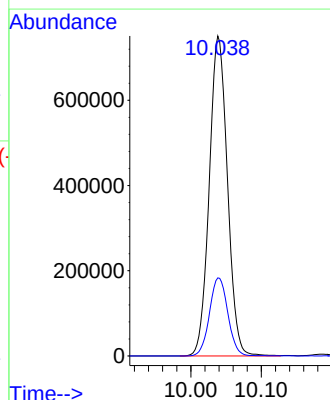
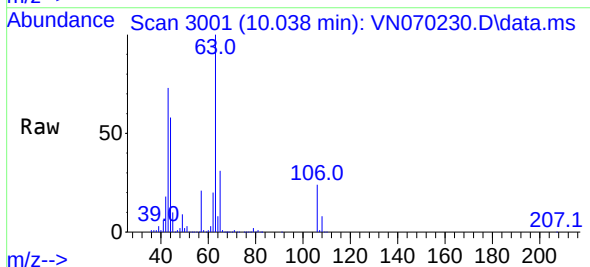
Acq: 20 Dec 2021 10:21

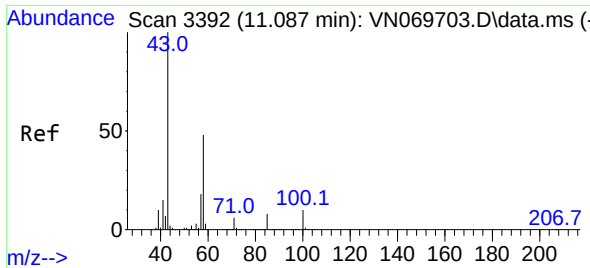
Tgt Ion: 63 Resp: 1346018

Ion Ratio Lower Upper

63 100

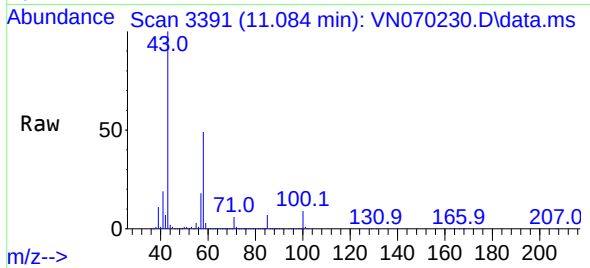
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 266.85 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

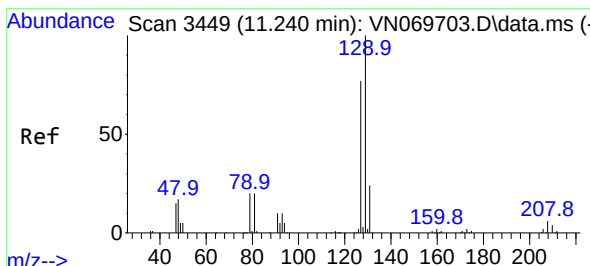
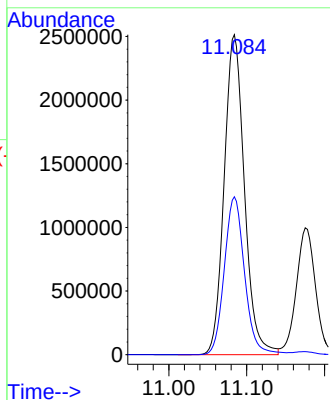
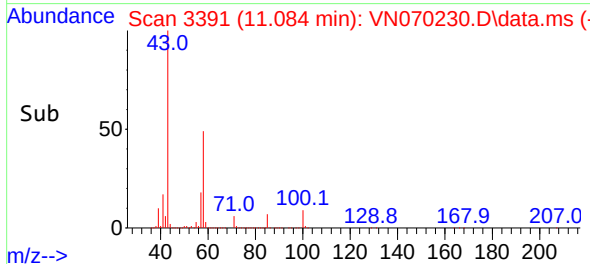
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4538124
Ion Ratio Lower Upper
43 100
58 49.3 26.9 80.7

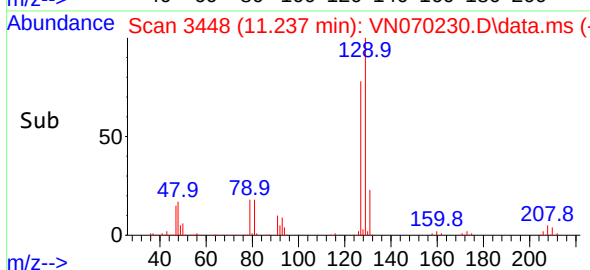
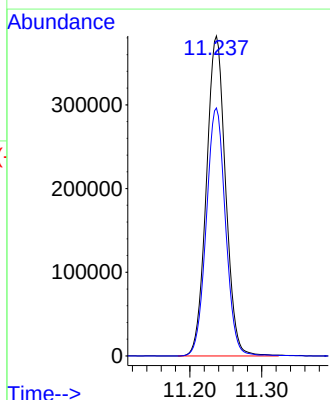
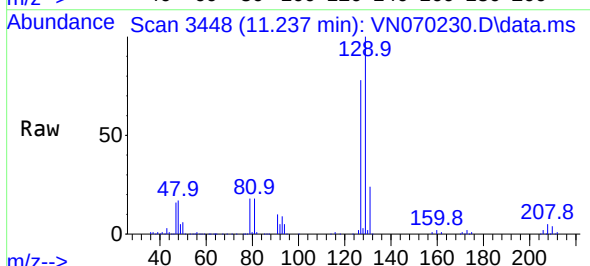
Manual Integrations
APPROVED

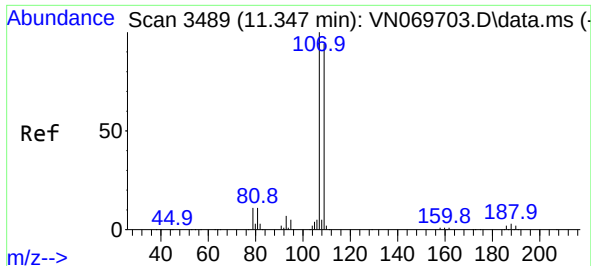
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 55.59 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion:129 Resp: 709126
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.65 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

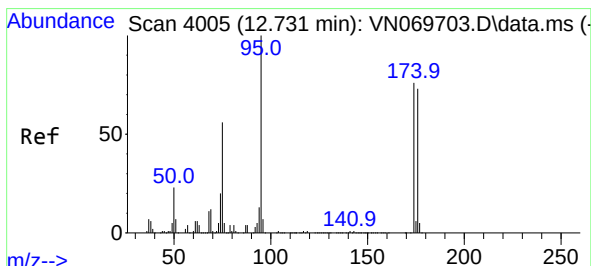
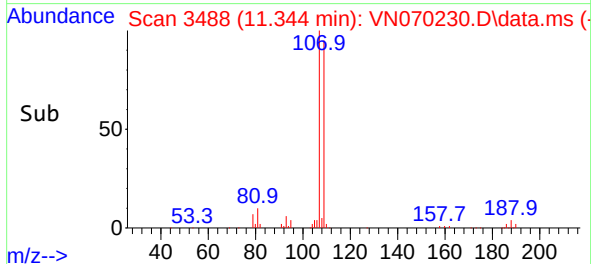
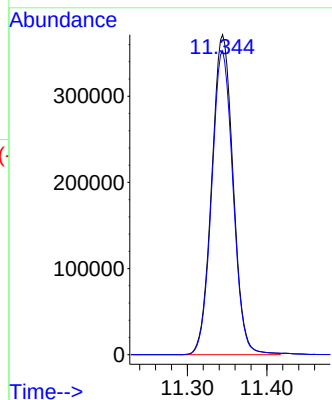
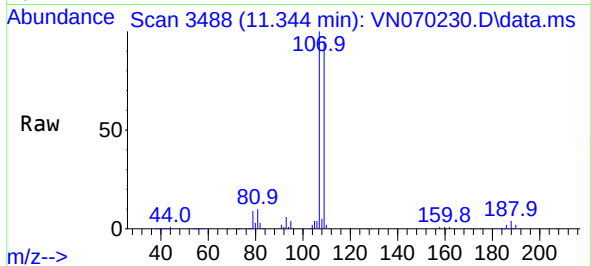
VSTDCCC050

Tgt Ion:107 Resp: 695070
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations

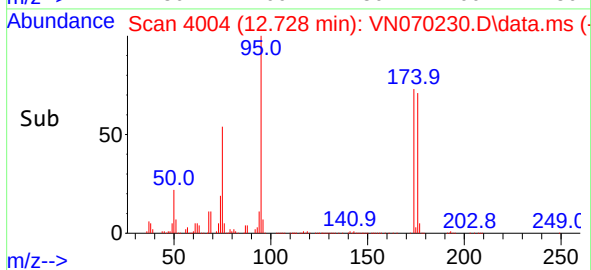
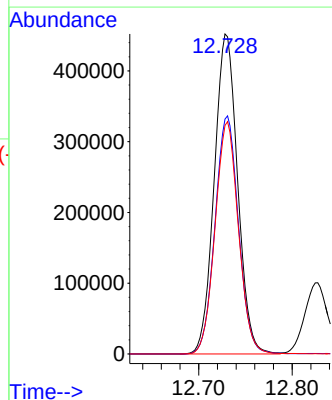
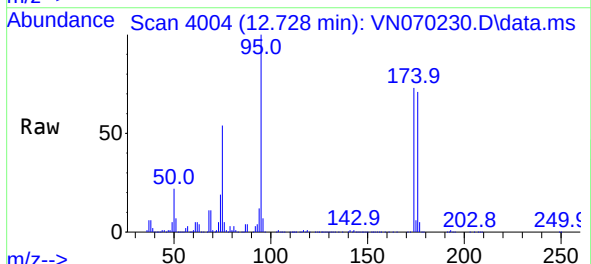
APPROVED

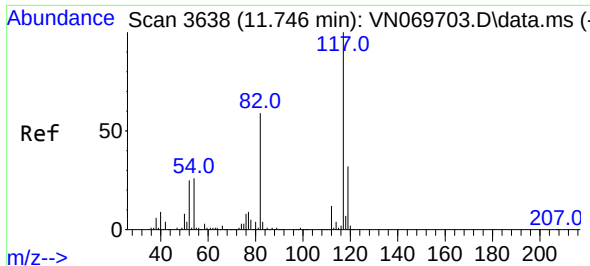
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 52.21 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

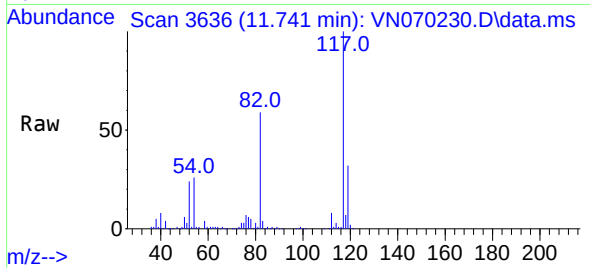
Tgt Ion: 95 Resp: 786314
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.741 min Scan# 3638
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

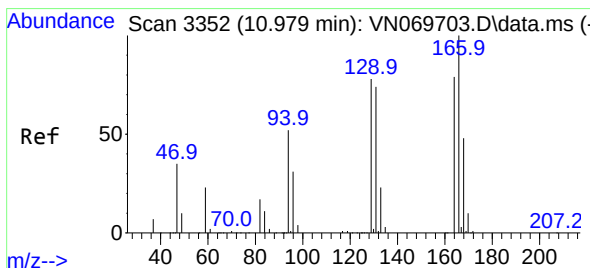
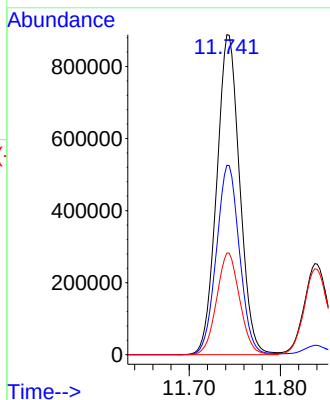
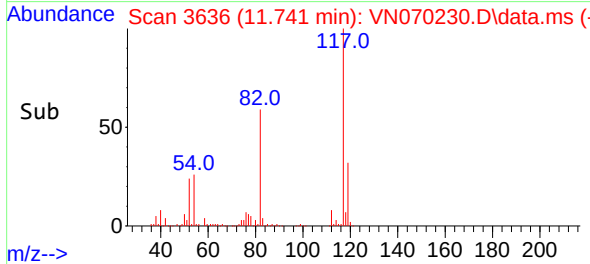
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



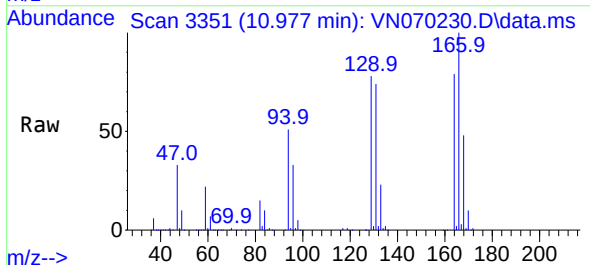
Tgt Ion:117 Resp: 1555558
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.7 25.4 38.2

Manual Integrations
APPROVED

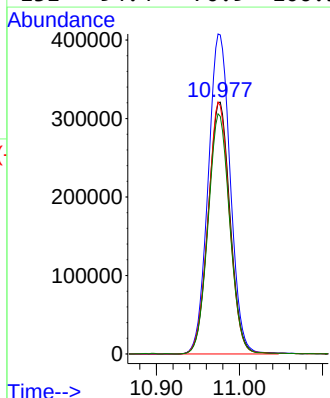
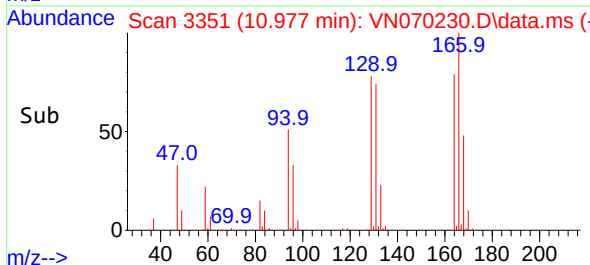
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

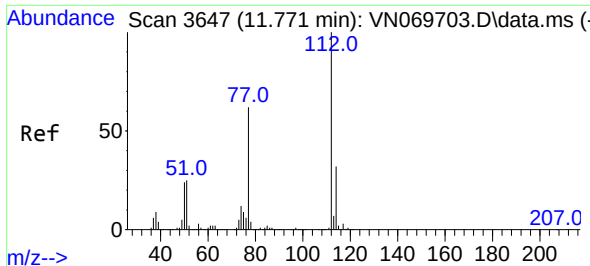


#64
Tetrachloroethene
Concen: 55.63 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



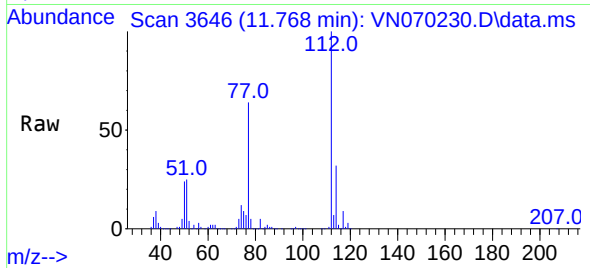
Tgt Ion:164 Resp: 586746
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 98.6 72.0 108.0
131 94.4 70.9 106.3





#65
Chlorobenzene
Concen: 58.13 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

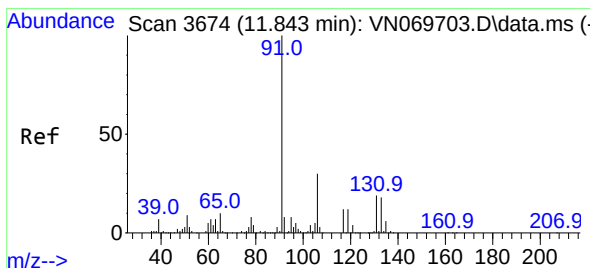
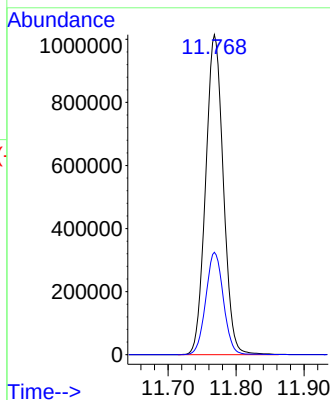
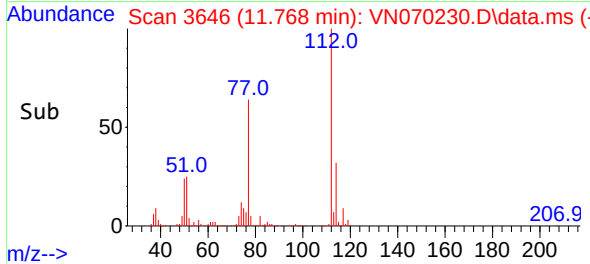
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



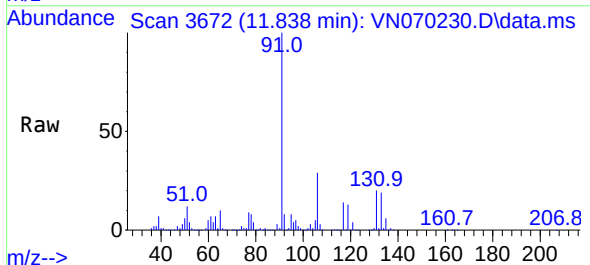
Tgt Ion:112 Resp: 1834319
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
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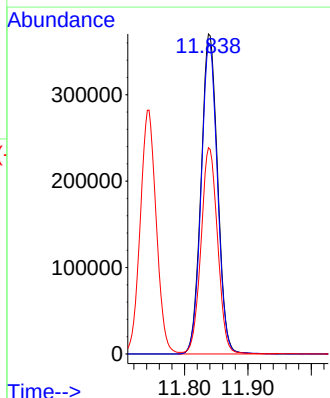
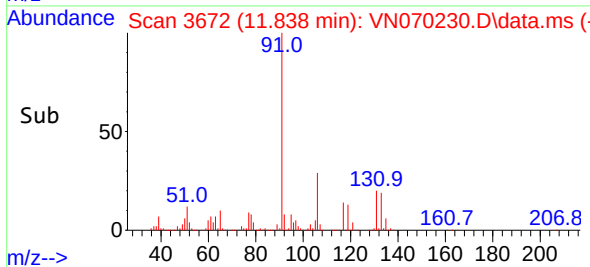
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

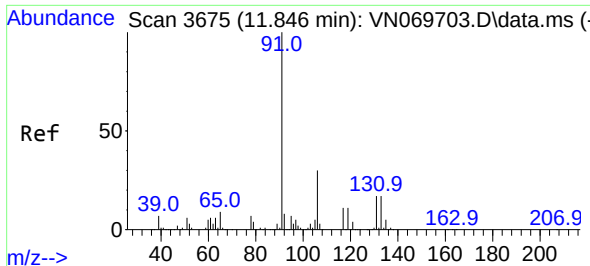


#66
1,1,1,2-Tetrachloroethane
Concen: 60.47 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



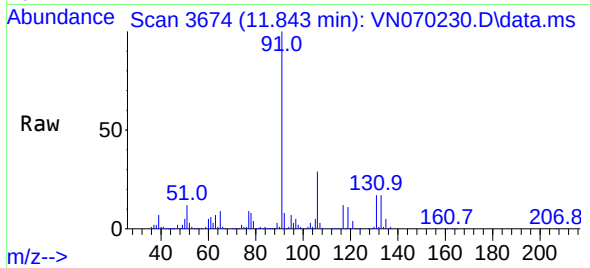
Tgt Ion:131 Resp: 671639
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 60.18 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

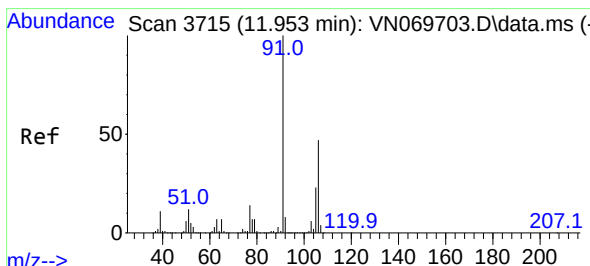
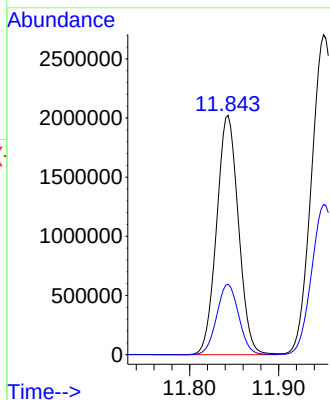
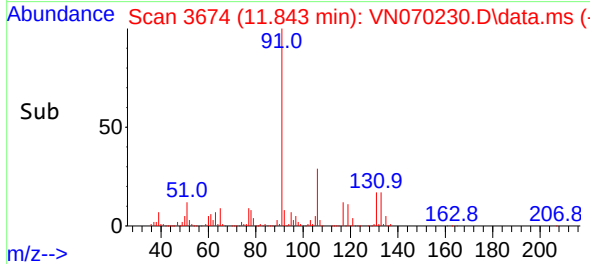
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



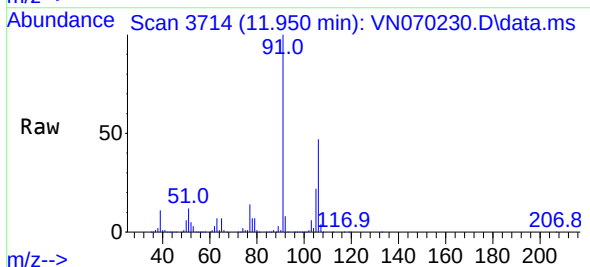
Tgt Ion: 91 Resp: 344987
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

Manual Integrations
APPROVED

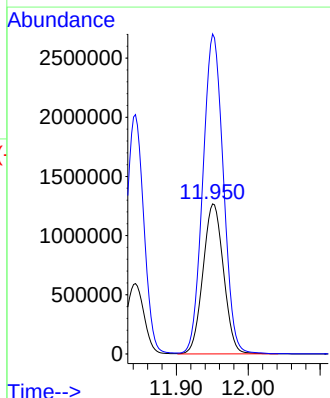
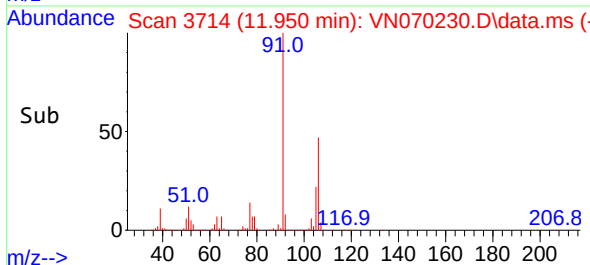
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

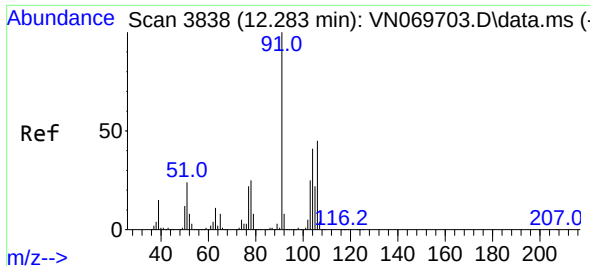


#68
m/p-Xylenes
Concen: 120.67 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



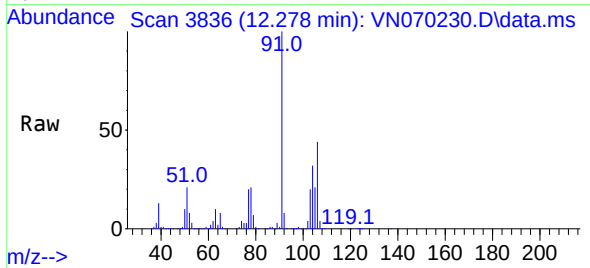
Tgt Ion:106 Resp: 2518690
Ion Ratio Lower Upper
106 100
91 213.1 160.6 240.8





#69
o-Xylene
Concen: 60.39 ug/l
RT: 12.278 min Scan# 3838
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

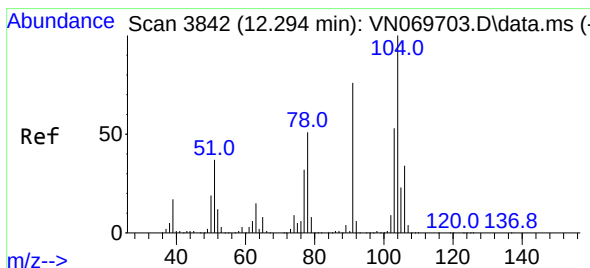
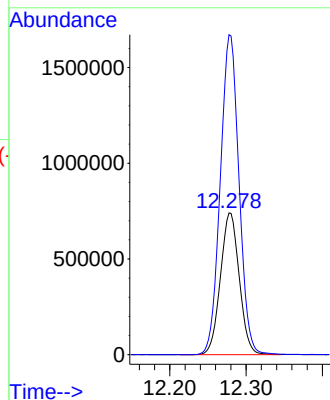
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 126954
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

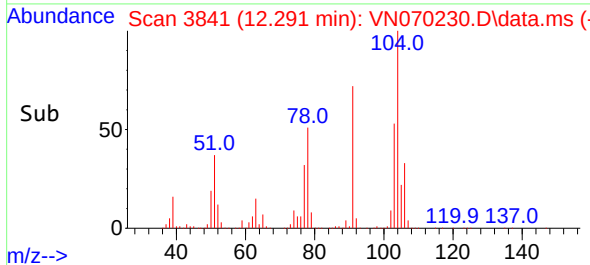
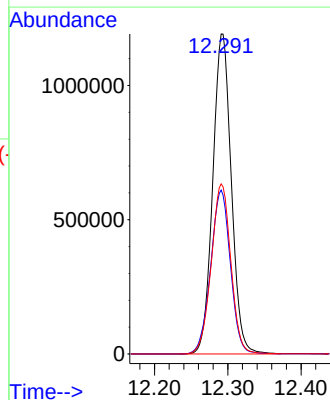
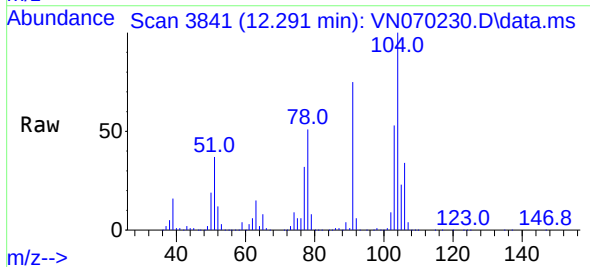
Manual Integrations
APPROVED

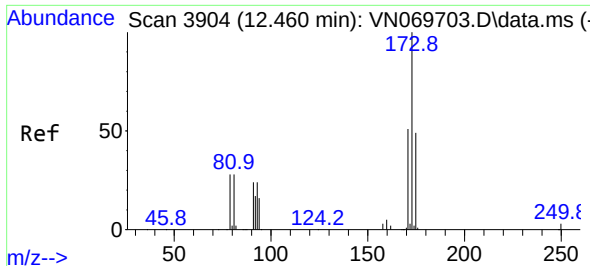
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 62.87 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion:104 Resp: 2096085
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 56.1 45.0 67.6





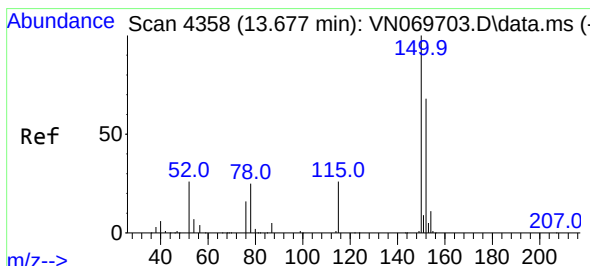
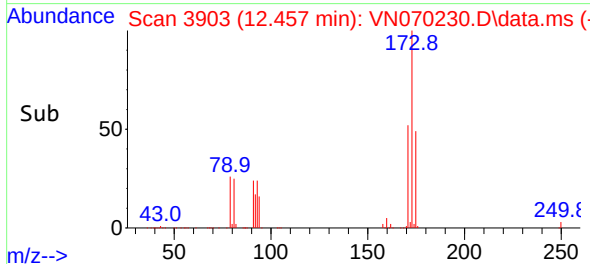
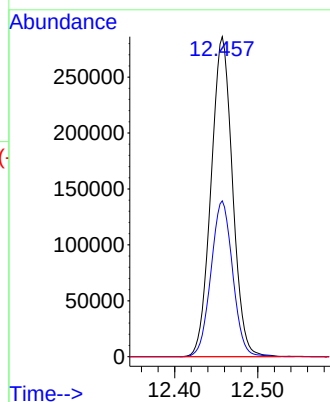
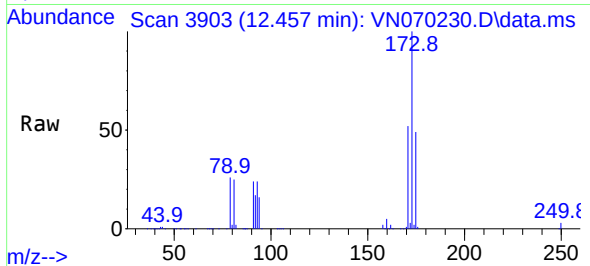
#71
Bromoform
Concen: 53.85 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 51366
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.0 0.0 0.0

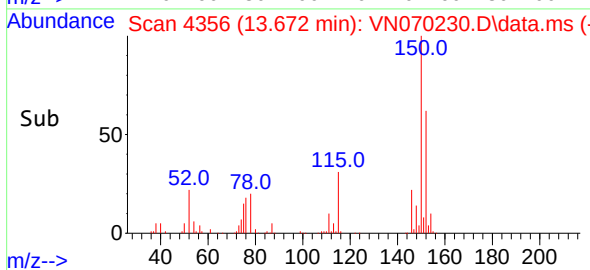
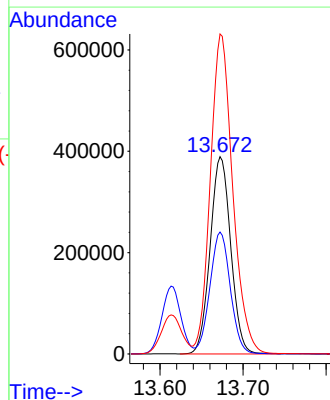
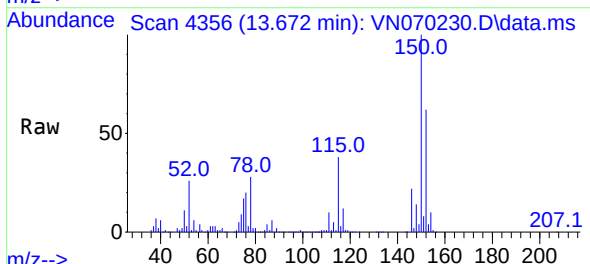
Manual Integrations
APPROVED

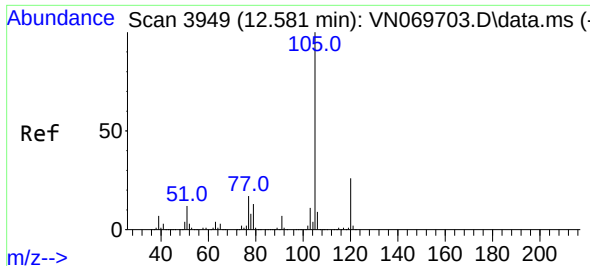
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

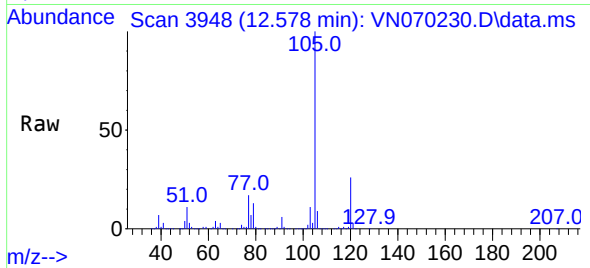
Tgt Ion:152 Resp: 671212
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 176.6 0.0 344.4





#73
Isopropylbenzene
Concen: 56.69 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

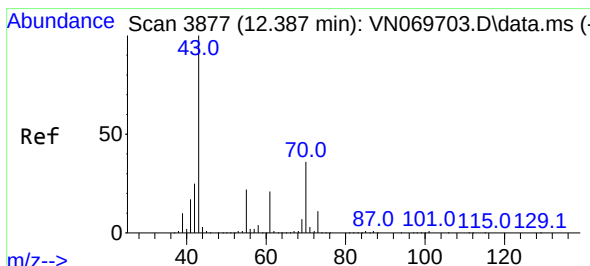
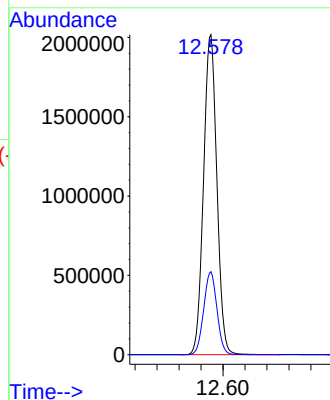
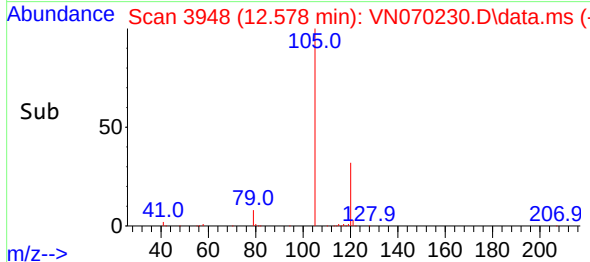
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



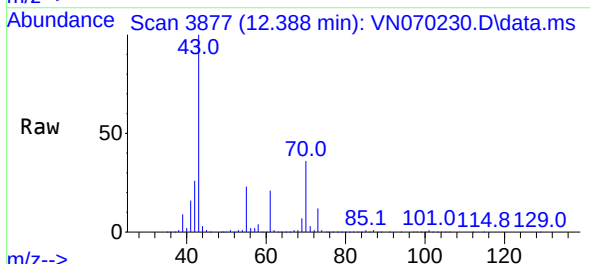
Tgt Ion:105 Resp: 3385710
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

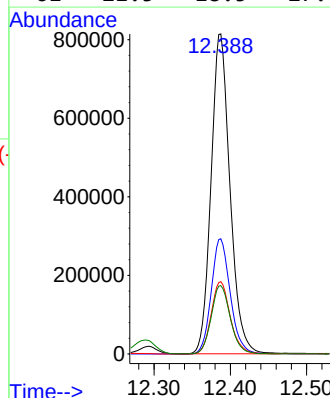
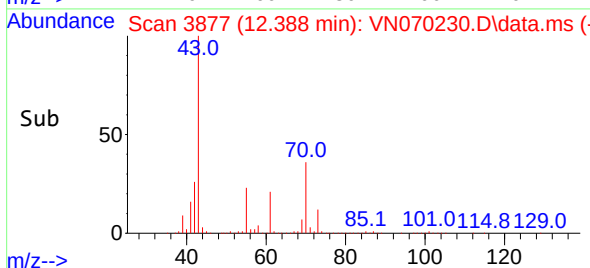
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

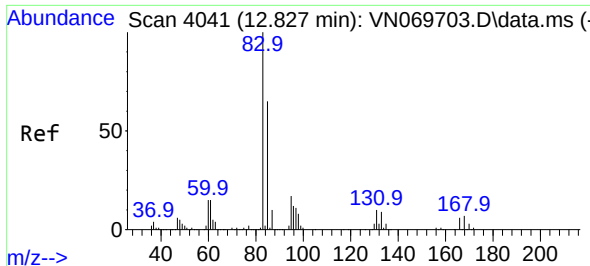


#74
N-ethyl acetate
Concen: 53.22 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion: 43 Resp: 1405629
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 22.9 19.3 28.9
61 21.5 18.5 27.7





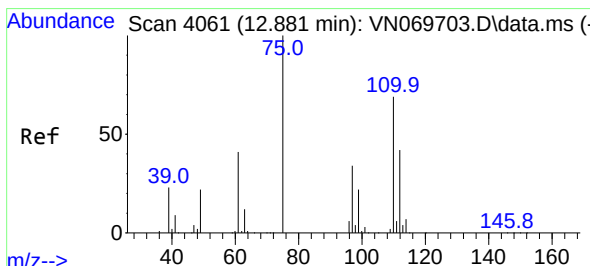
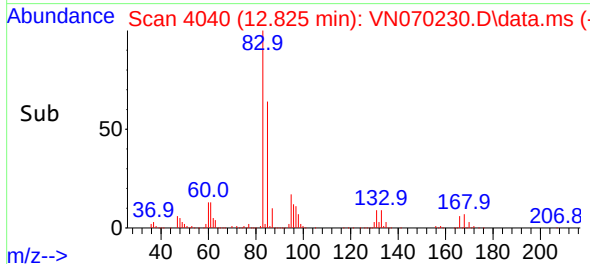
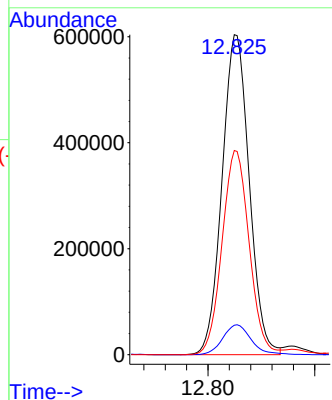
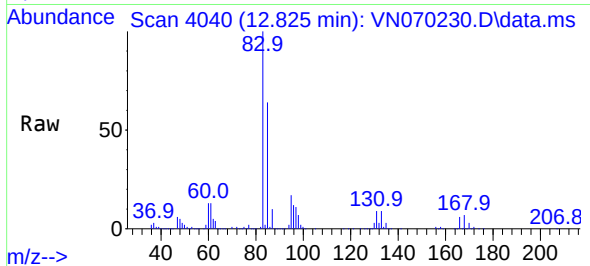
#75
1,1,2,2-Tetrachloroethane
Concen: 51.68 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 1067154
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.6 32.4 97.2

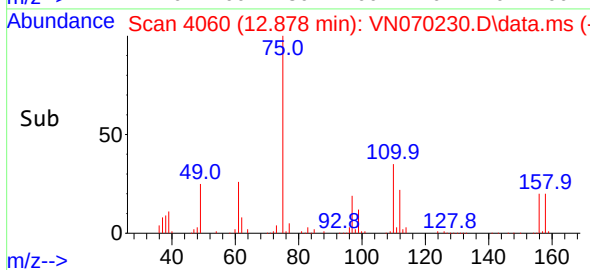
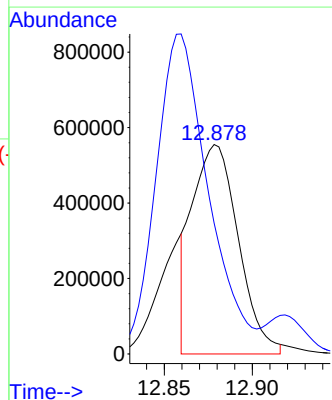
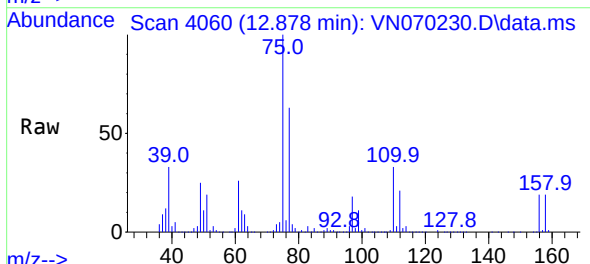
Manual Integrations
APPROVED

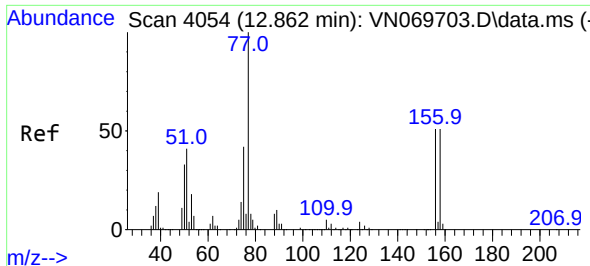
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 52.66 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

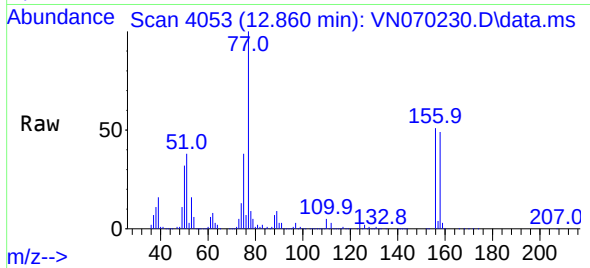
Tgt Ion: 75 Resp: 1013659
Ion Ratio Lower Upper
75 100
77 173.1 82.6 247.8





#77
Bromobenzene
Concen: 54.98 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

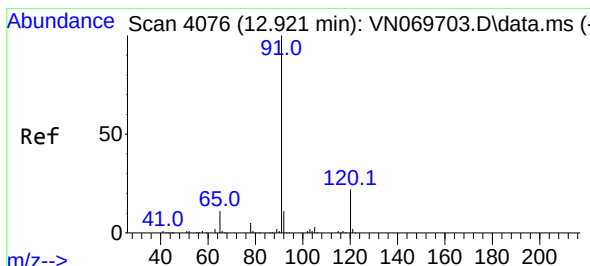
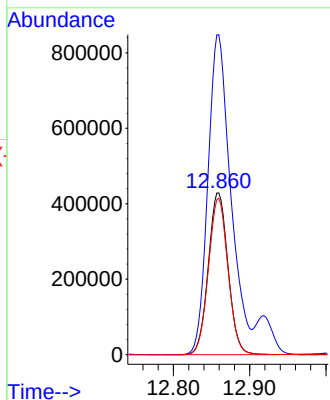
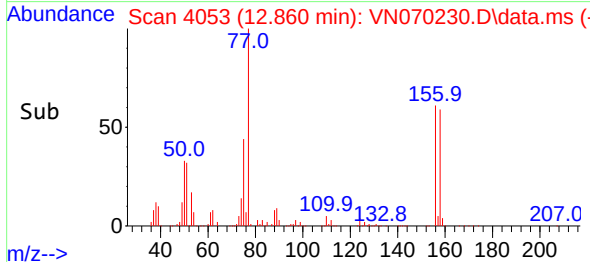
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



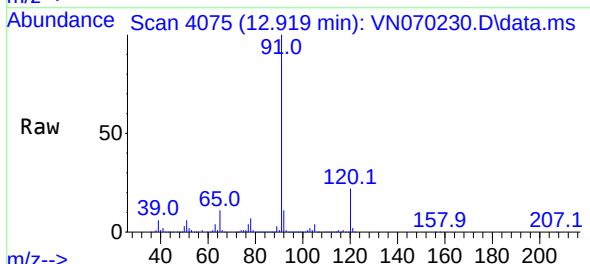
Tgt Ion:156 Resp: 771244
Ion Ratio Lower Upper
156 100
77 227.5 90.6 271.8
158 96.0 48.9 146.7

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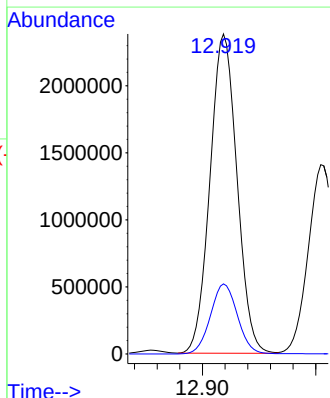
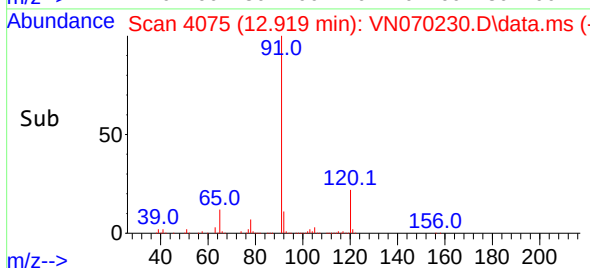
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

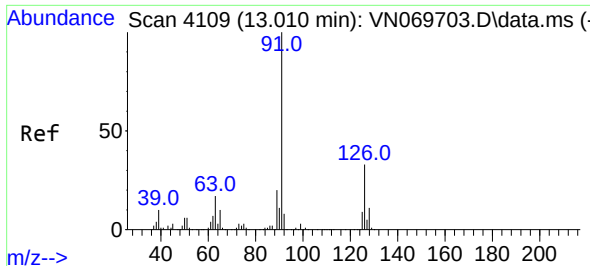


#78
n-propylbenzene
Concen: 59.19 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion: 91 Resp: 3933138
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





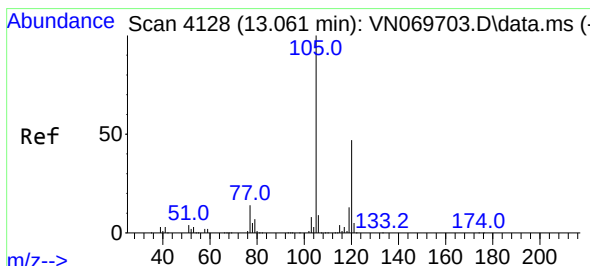
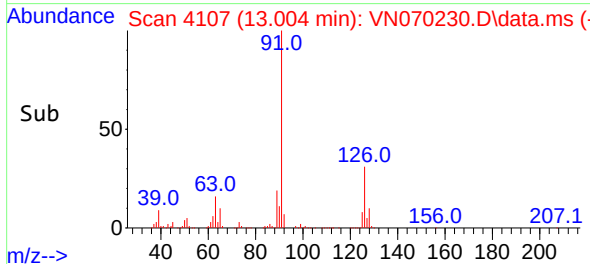
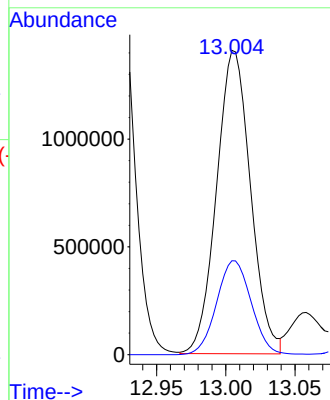
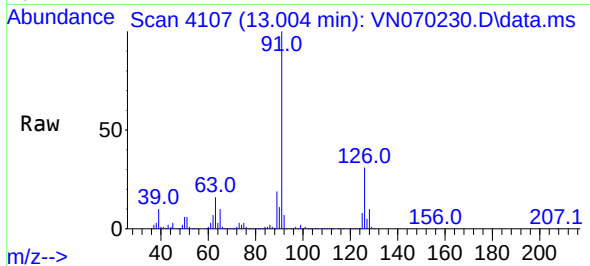
#79
2-Chlorotoluene
Concen: 57.26 ug/l
RT: 13.004 min Scan# 4109
Delta R.T. -0.005 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 240449
Ion Ratio Lower Upper
91 100
126 31.6 18.3 54.8

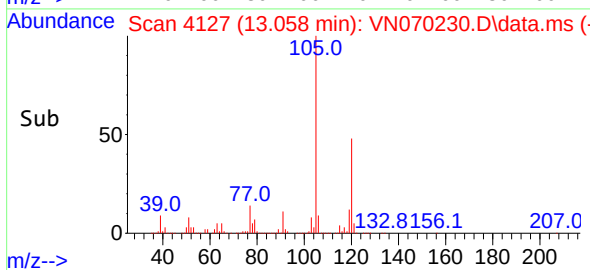
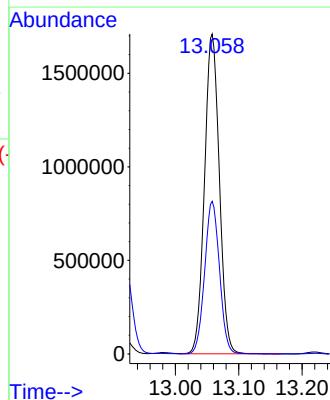
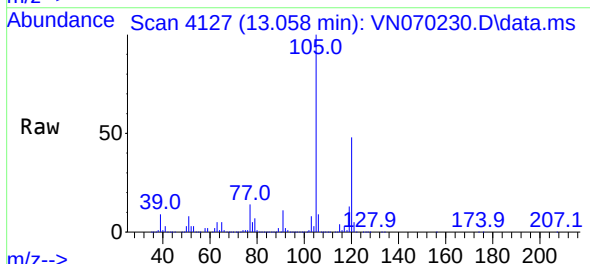
Manual Integrations
APPROVED

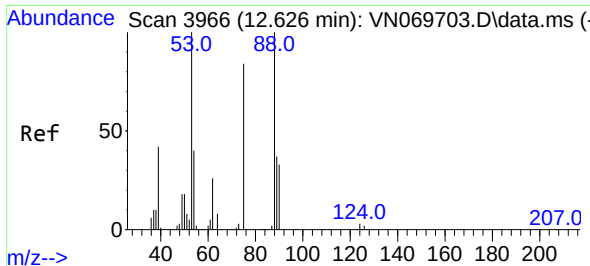
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 57.91 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

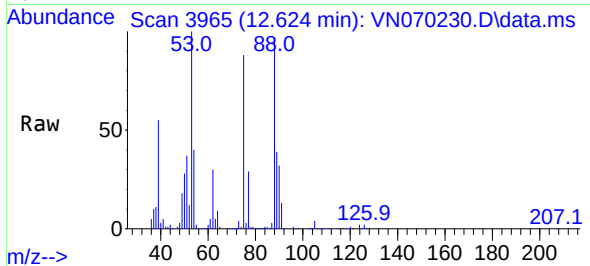
Tgt Ion:105 Resp: 2783720
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.31 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

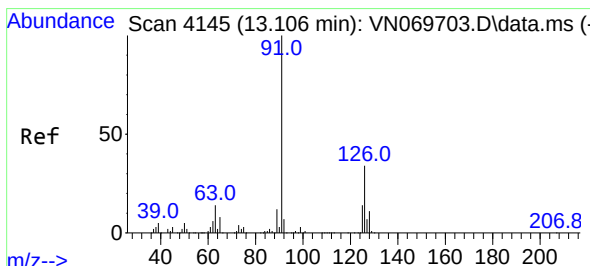
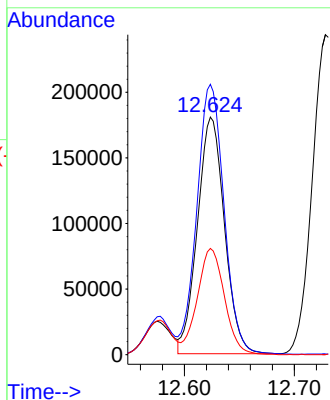
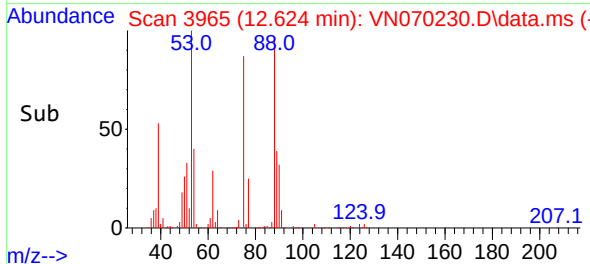
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 30885
Ion Ratio Lower Upper
75 100
53 114.9 90.5 135.7
89 45.0 38.2 57.4

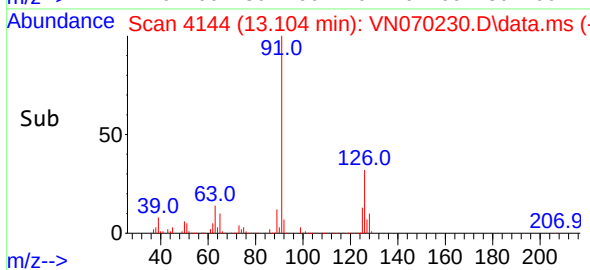
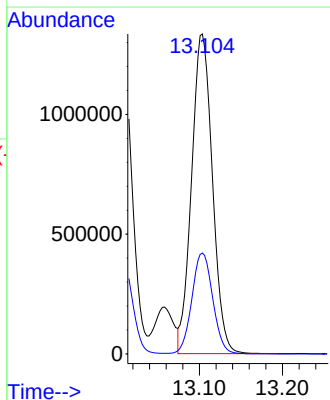
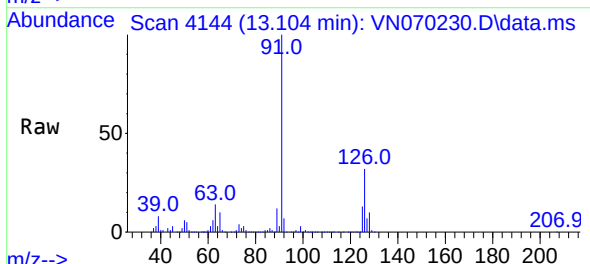
Manual Integrations
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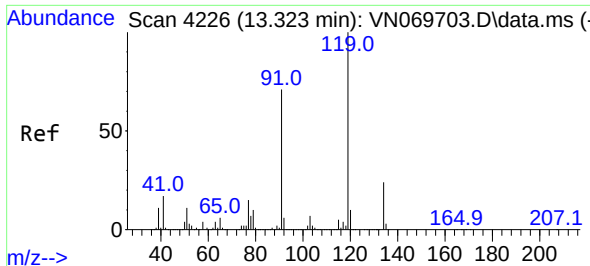
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 58.92 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

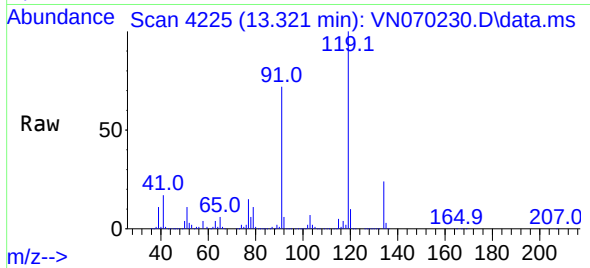
Tgt Ion: 91 Resp: 2326711
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 57.56 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

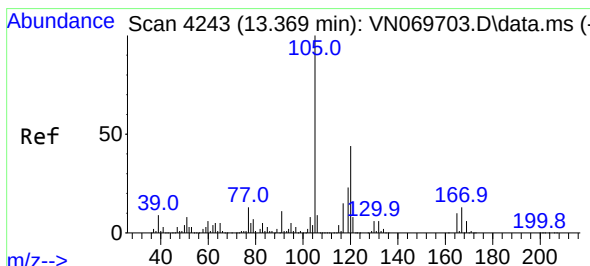
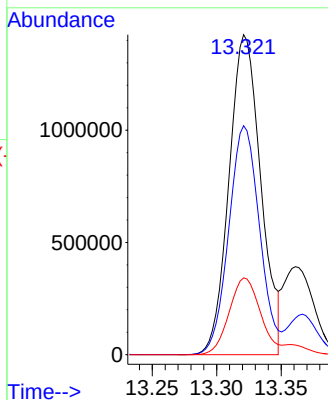
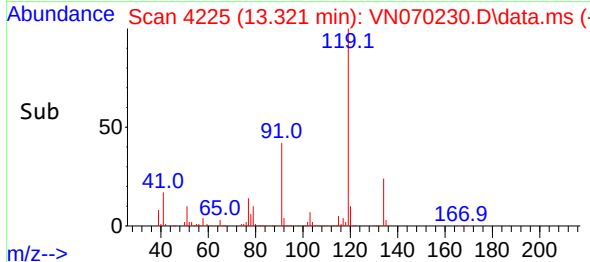
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



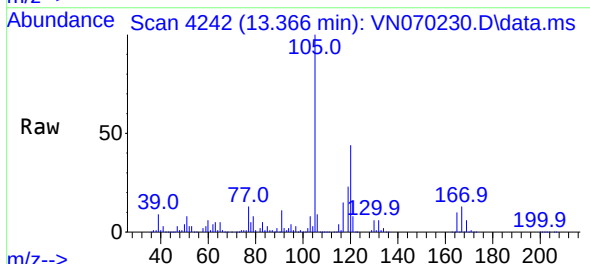
Tgt Ion:119 Resp: 2449886
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 23.7 12.4 37.4

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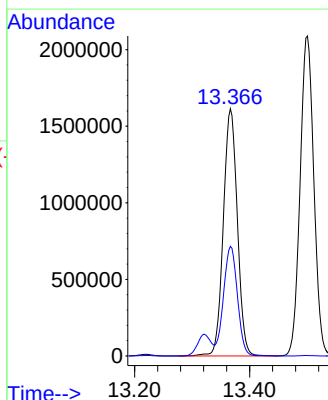
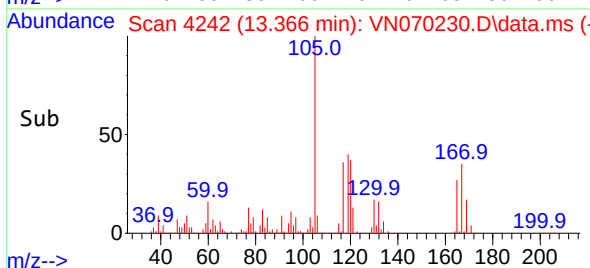
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

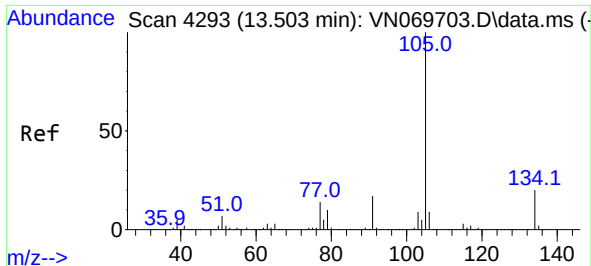


#84
1,2,4-Trimethylbenzene
Concen: 59.70 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion:105 Resp: 2733031
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





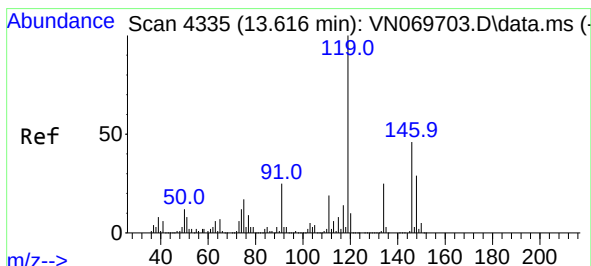
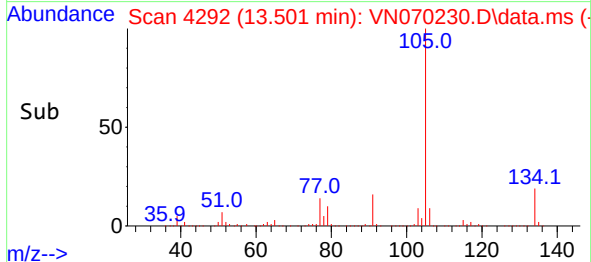
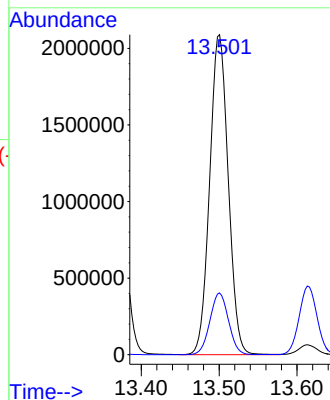
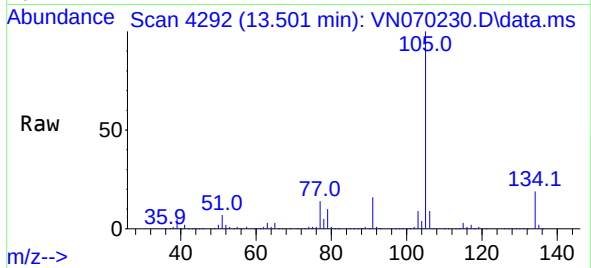
#85
 sec-Butylbenzene
 Concen: 59.90 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070230.D
 Acq: 20 Dec 2021 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 3458379
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

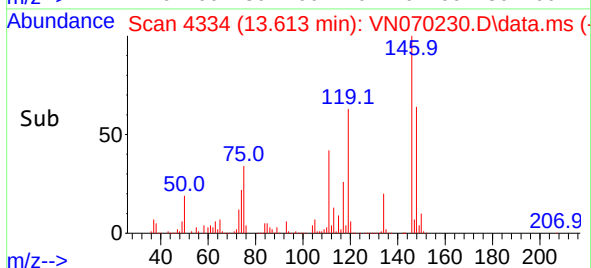
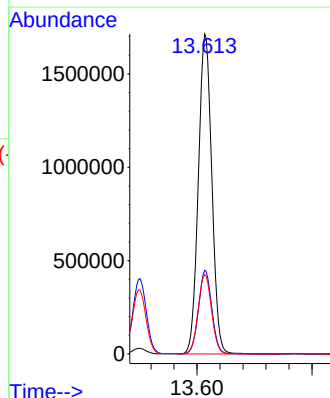
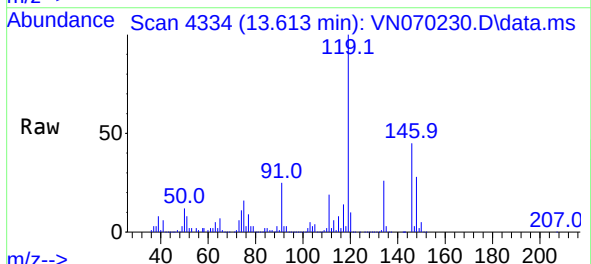
Manual Integrations
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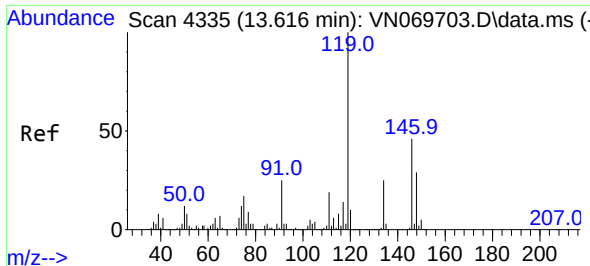
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 61.60 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070230.D
 Acq: 20 Dec 2021 10:21

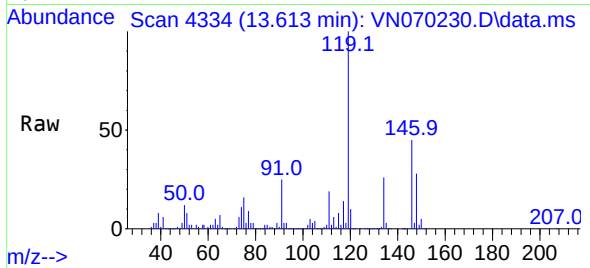
Tgt Ion:119 Resp: 2779849
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 24.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 57.44 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

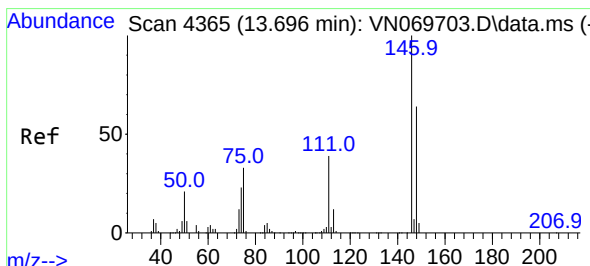
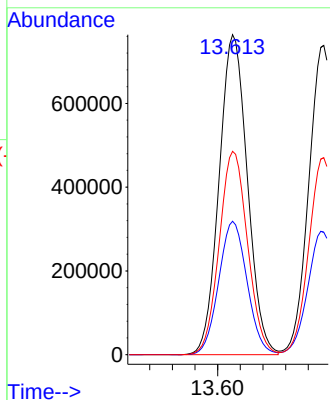
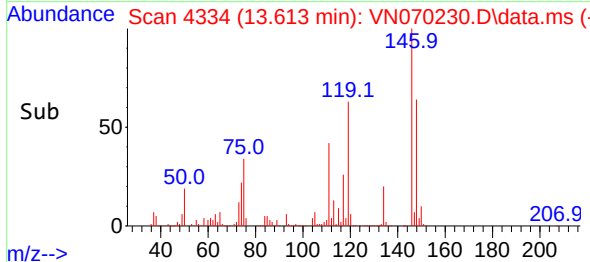
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



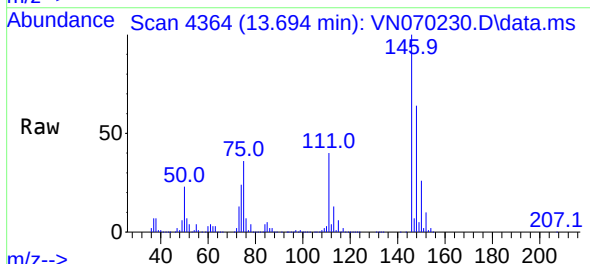
Tgt Ion:146 Resp: 132358
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.8 31.6 95.0

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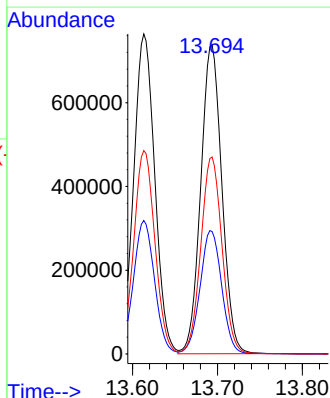
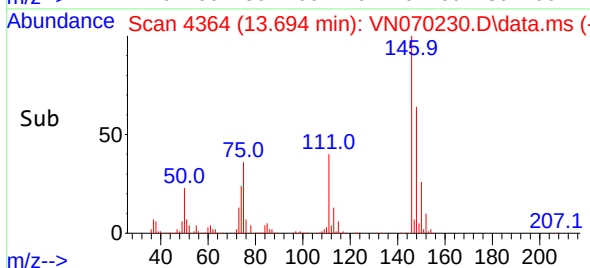
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

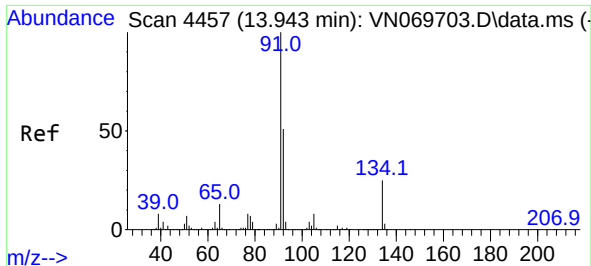


#88
1,4-Dichlorobenzene
Concen: 56.32 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion:146 Resp: 1275493
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.8 31.8 95.4





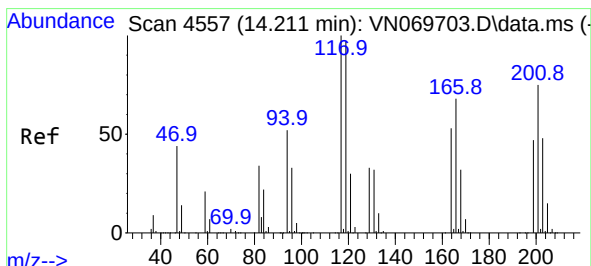
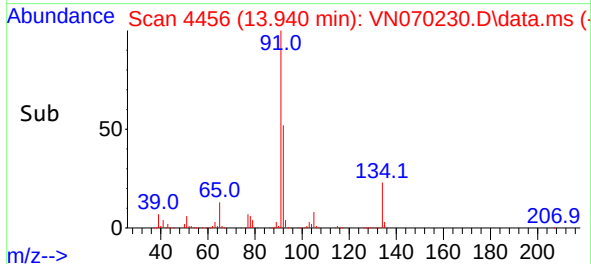
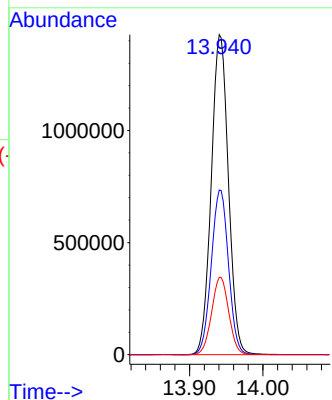
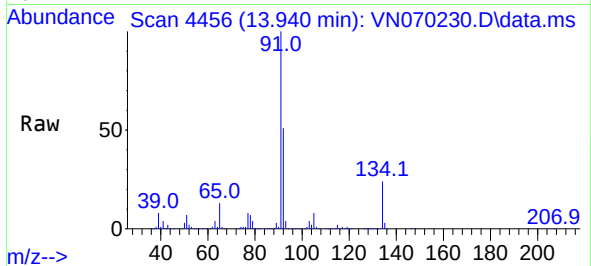
#89
n-Butylbenzene
Concen: 63.36 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 231930
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.2 13.6 40.8

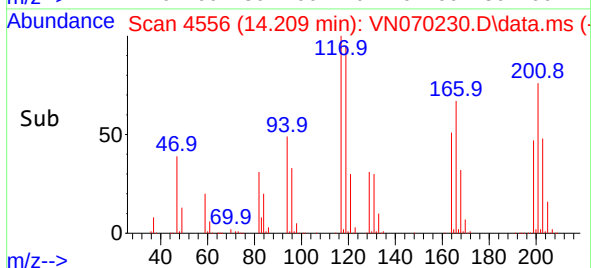
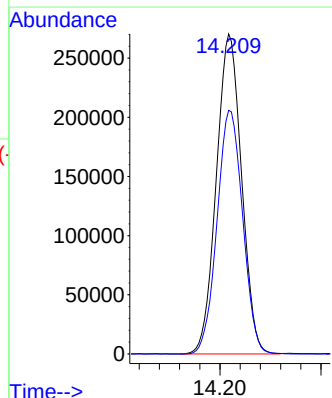
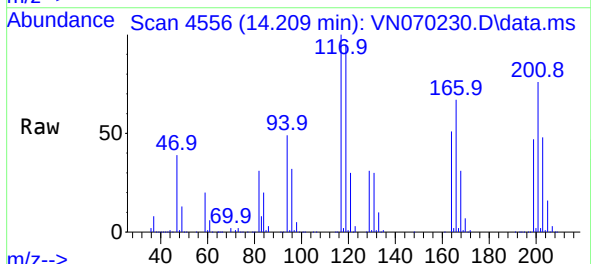
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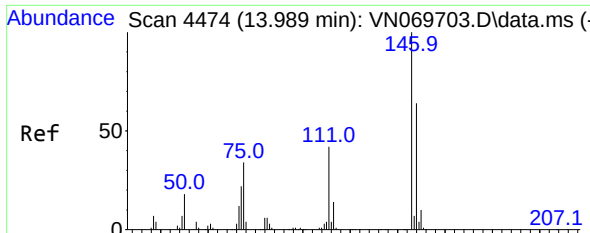
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 59.12 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

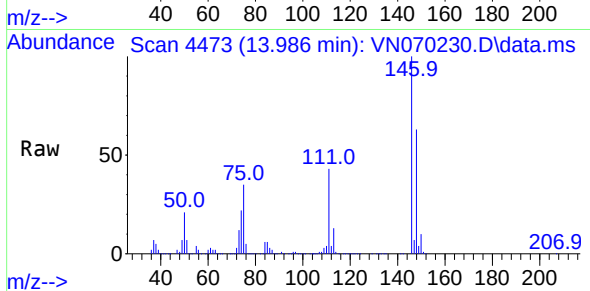
Tgt Ion:117 Resp: 468425
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 56.53 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

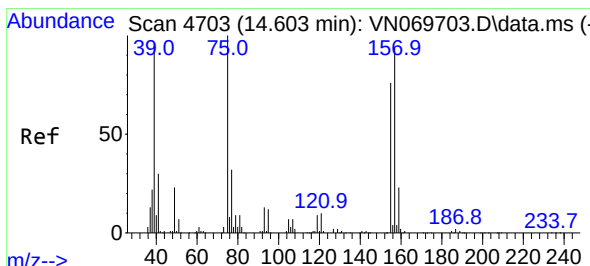
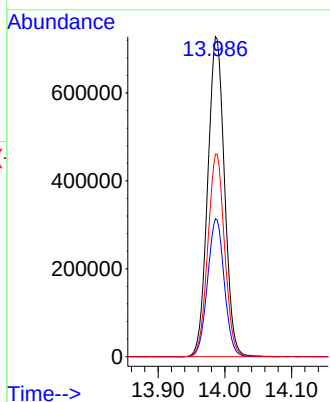
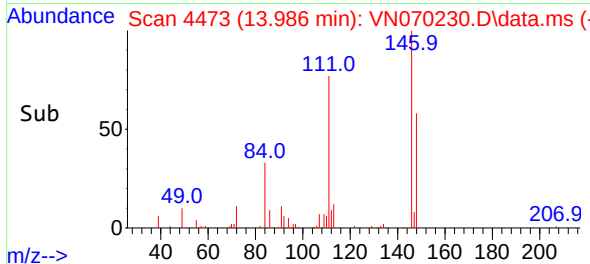
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



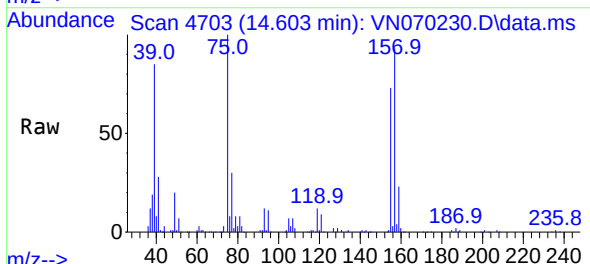
Tgt Ion:146 Resp: 1269389
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.4 32.1 96.3

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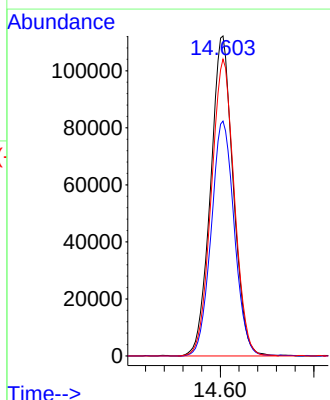
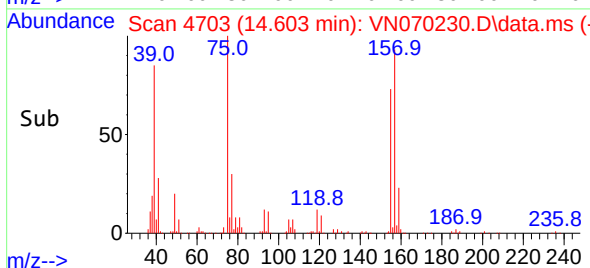
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

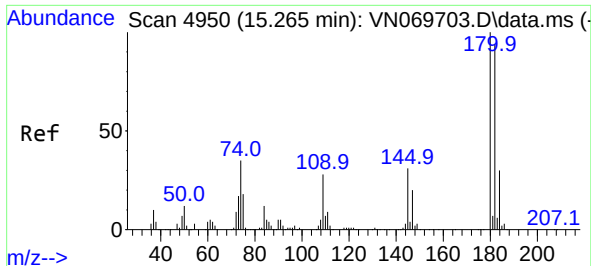


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.73 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



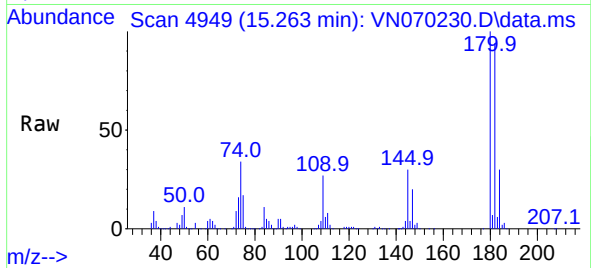
Tgt Ion: 75 Resp: 189291
Ion Ratio Lower Upper
75 100
155 74.8 46.9 140.7
157 94.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 56.04 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

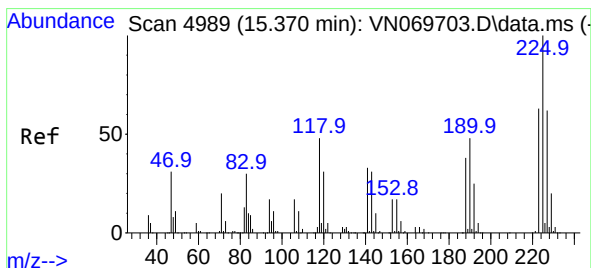
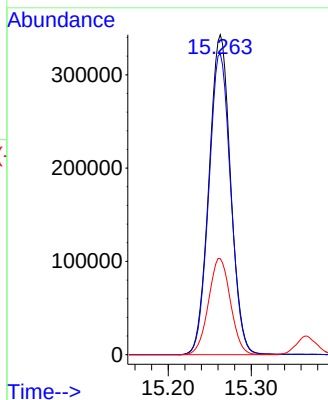
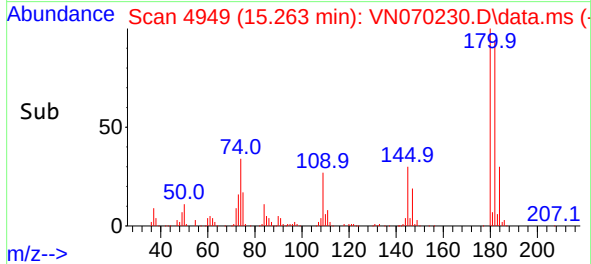
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



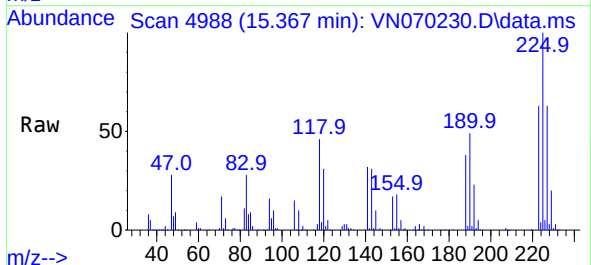
Tgt Ion:180 Resp: 621199
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
APPROVED

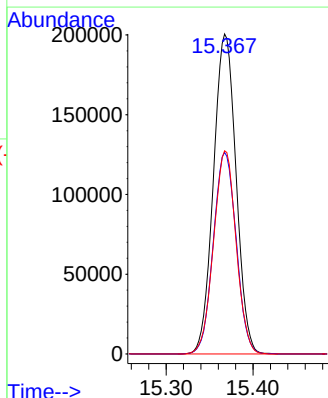
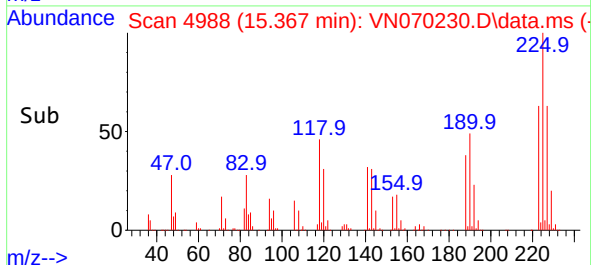
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

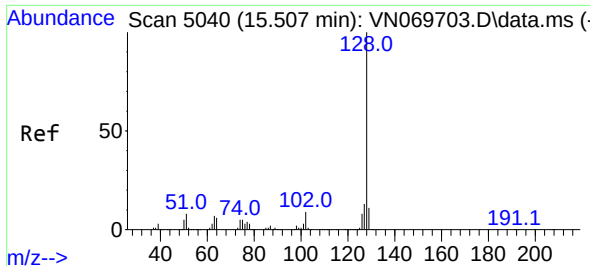


#94
Hexachlorobutadiene
Concen: 60.98 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21



Tgt Ion:225 Resp: 362854
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 63.2 32.1 96.3





#95
Naphthalene
Concen: 47.22 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Instrument :

MSVOA_N

ClientSampleId :

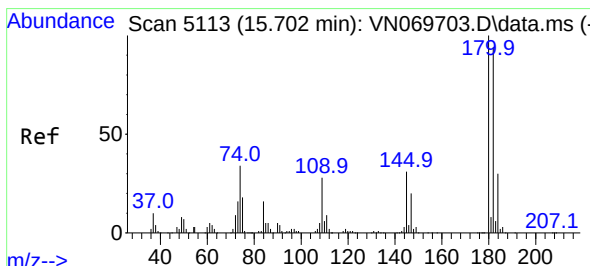
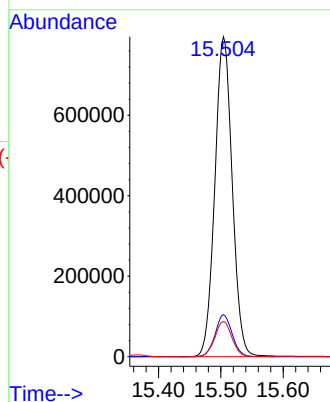
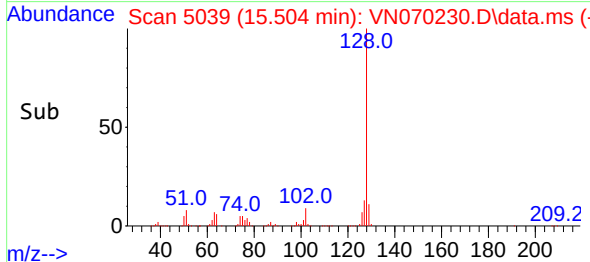
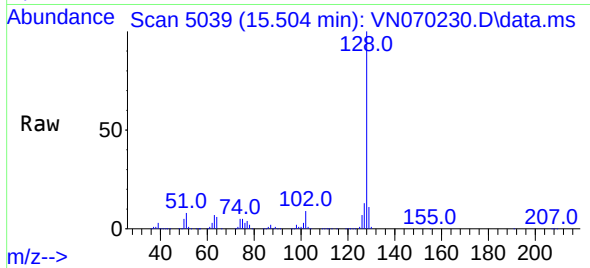
VSTDCCC050

Tgt Ion:128 Resp: 154110
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations

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Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.91 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070230.D
Acq: 20 Dec 2021 10:21

Tgt Ion:180 Resp: 580791
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 33.0 15.0 45.1

