

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070088.D
 Acq On : 14 Dec 2021 23:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 15 05:24:57 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	966628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1619282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1527355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	651192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	700397	46.929	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.860%		
35) Dibromofluoromethane	8.019	113	469402	46.279	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.560%		
50) Toluene-d8	10.440	98	1856277	45.579	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.160%		
62) 4-Bromofluorobenzene	12.731	95	701338	47.534	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	523755	46.456	ug/l	99
3) Chloromethane	2.301	50	673644	47.693	ug/l	99
4) Vinyl Chloride	2.445	62	621221	47.832	ug/l	98
5) Bromomethane	2.834	94	351669	49.840	ug/l	98
6) Chloroethane	3.009	64	374813	47.095	ug/l	98
7) Trichlorofluoromethane	3.368	101	786737	46.155	ug/l	99
8) Diethyl Ether	3.819	74	350596	53.404	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	491388	51.427	ug/l	96
10) Methyl Iodide	4.417	142	660932	50.633	ug/l	98
11) Tert butyl alcohol	5.382	59	664479	235.536	ug/l	98
12) 1,1-Dichloroethene	4.178	96	460045	49.964	ug/l	88
13) Acrolein	4.036	56	559976	233.085	ug/l	99
14) Allyl chloride	4.835	41	1086694	52.376	ug/l #	90
15) Acrylonitrile	5.554	53	1996315	262.605	ug/l	99
16) Acetone	4.288	43	1889299	210.439	ug/l	97
17) Carbon Disulfide	4.524	76	1034517	43.490	ug/l	100
18) Methyl Acetate	4.854	43	1400021	51.663	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1920555	53.645	ug/l	96
20) Methylene Chloride	5.090	84	599786	50.254	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	499913	49.987	ug/l	85
22) Diisopropyl ether	6.495	45	2291603	56.509	ug/l #	93
23) Vinyl Acetate	6.431	43	9138994	277.004	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1132804	53.925	ug/l	98
25) 2-Butanone	7.335	43	2962024	242.821	ug/l	91
26) 2,2-Dichloropropane	7.327	77	755374	46.248	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	618691	51.204	ug/l	85
28) Bromochloromethane	7.657	49	521383	47.729	ug/l #	76
29) Tetrahydrofuran	7.686	42	1942322	262.223	ug/l #	86
30) Chloroform	7.817	83	1119115	52.750	ug/l	100
31) Cyclohexane	8.094	56	1014841	48.861	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	921099	50.969	ug/l	95
36) 1,1-Dichloropropene	8.220	75	794577	51.545	ug/l	96
37) Ethyl Acetate	7.412	43	1136513	49.536	ug/l	96
38) Carbon Tetrachloride	8.204	117	725984	48.026	ug/l	99
39) Methylcyclohexane	9.459	83	921243	50.243	ug/l	89
40) Benzene	8.458	78	2442365	51.835	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	591893	54.956	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	992400	52.175	ug/l	97
43) Isopropyl Acetate	8.560	43	1819543	53.591	ug/l #	92
44) Trichloroethene	9.215	130	562907	50.054	ug/l	90
45) 1,2-Dichloropropane	9.491	63	686017	54.218	ug/l	98
46) Dibromomethane	9.577	93	427889	51.564	ug/l	93
47) Bromodichloromethane	9.762	83	841219	53.542	ug/l	100
48) Methyl methacrylate	9.558	41	851119	53.716	ug/l	83
49) 1,4-Dioxane	9.569	88	267638	941.380	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	6030439	273.789	ug/l	95
52) Toluene	10.505	92	1497931	52.072	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	887579	47.133	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	972098	49.049	ug/l	91
55) 1,1,2-Trichloroethane	10.896	97	616970	53.157	ug/l	98
56) Ethyl methacrylate	10.762	69	1064109	48.654	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1100157	53.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1315603	224.482	ug/l	90
59) 2-Hexanone	11.084	43	4341132	260.543	ug/l	93
60) Dibromochloromethane	11.237	129	579444	46.756	ug/l	100
61) 1,2-Dibromoethane	11.344	107	619867	51.562	ug/l	99
64) Tetrachloroethene	10.977	164	485846	46.912	ug/l	95
65) Chlorobenzene	11.768	112	1581596	51.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	559968	51.345	ug/l	99
67) Ethyl Benzene	11.843	91	2982040	52.982	ug/l	96
68) m/p-Xylenes	11.953	106	2171799	105.974	ug/l	91
69) o-Xylene	12.280	106	1084040	52.515	ug/l	90
70) Styrene	12.294	104	1804065	55.115	ug/l	95
71) Bromoform	12.457	173	414873	44.779	ug/l #	100
73) Isopropylbenzene	12.578	105	2898457	50.027	ug/l	98
74) N-amyl acetate	12.388	43	1349937	52.686	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	997368	49.781	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	903465m	48.379	ug/l	
77) Bromobenzene	12.860	156	658052	48.355	ug/l	76
78) n-propylbenzene	12.919	91	3312802	51.384	ug/l	95
79) 2-Chlorotoluene	13.007	91	2043228	50.155	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2368367	50.787	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	248024	43.998	ug/l	90
82) 4-Chlorotoluene	13.104	91	1954940	51.028	ug/l	92
83) tert-Butylbenzene	13.324	119	2065980	50.033	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2317602	52.185	ug/l	97
85) sec-Butylbenzene	13.501	105	2898122	51.744	ug/l	97
86) p-Isopropyltoluene	13.616	119	2285109	52.195	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1128045	50.456	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1089837	49.604	ug/l	96
89) n-Butylbenzene	13.940	91	1872018	52.712	ug/l	97
90) Hexachloroethane	14.211	117	361970	47.092	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	1117255	51.289	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	174256	48.133	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	505236	47.445	ug/l	98
94) Hexachlorobutadiene	15.367	225	295921	51.258	ug/l	100
95) Naphthalene	15.504	128	1426274	45.231	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	506062	48.670	ug/l	98

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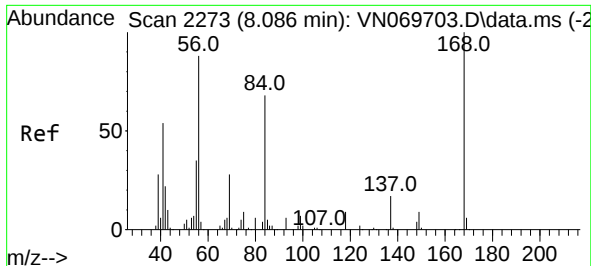
Manual Integrations
APPROVED

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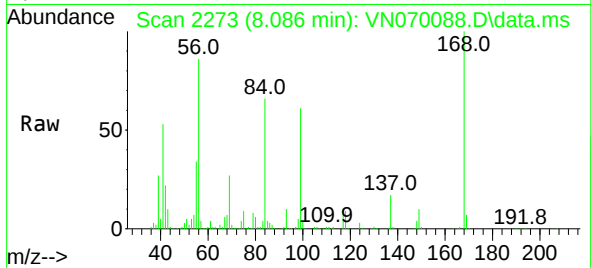
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070088.D
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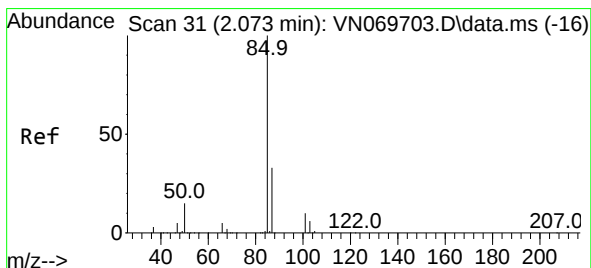
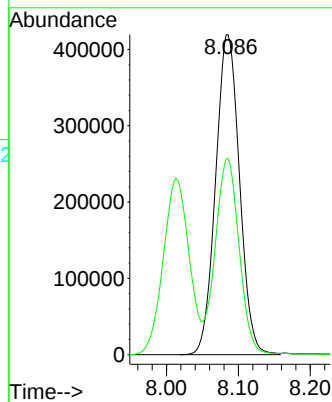
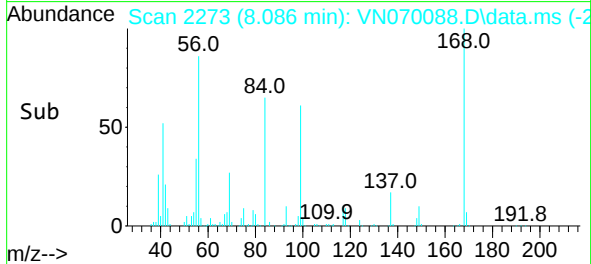
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 966628
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

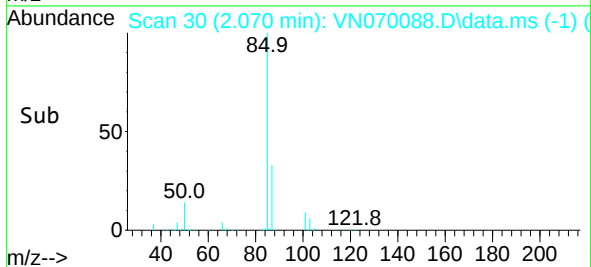
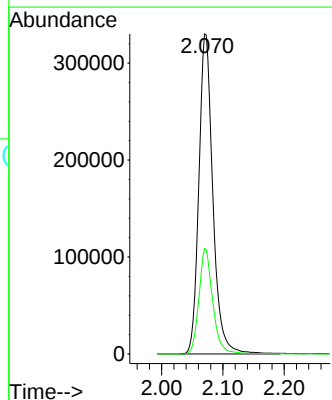
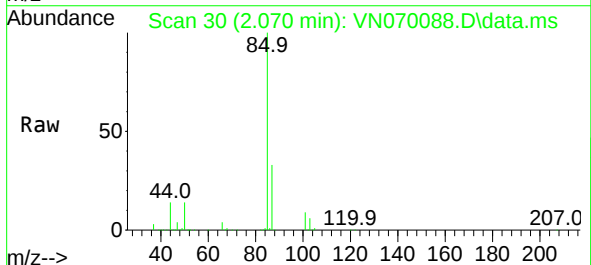
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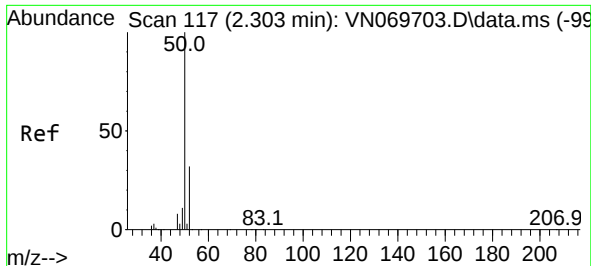
Reviewed By :John Carlone 12/15/2021
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#2
Dichlorodifluoromethane
Concen: 46.456 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

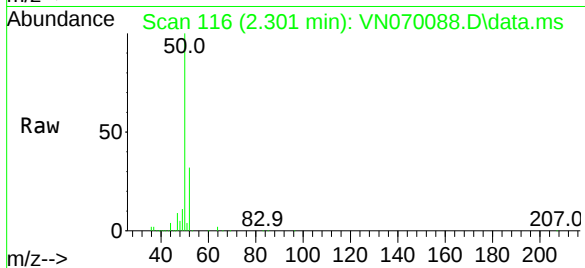
Tgt Ion: 85 Resp: 523755
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





#3
Chloromethane
Concen: 47.693 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

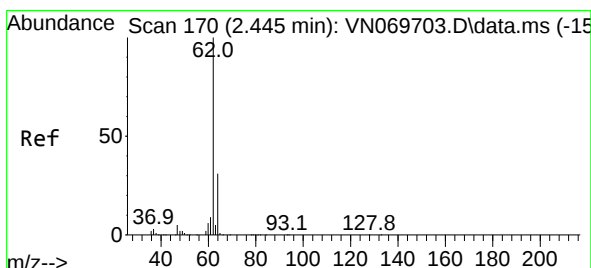
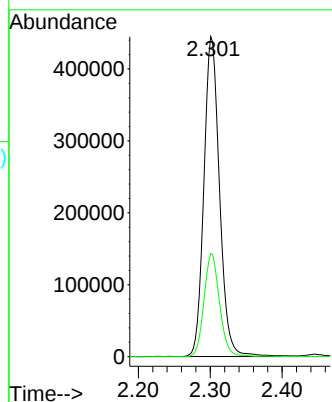
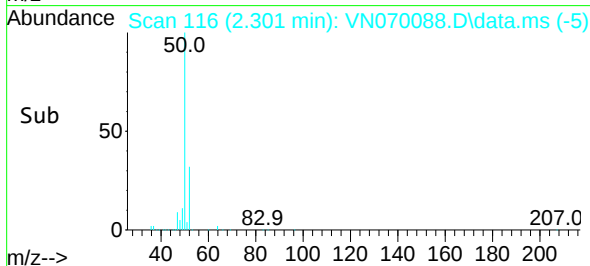
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 67364
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

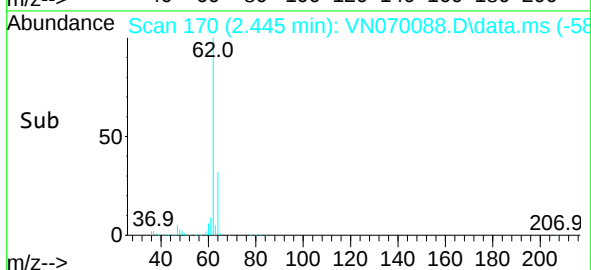
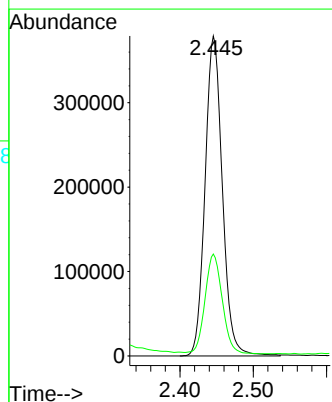
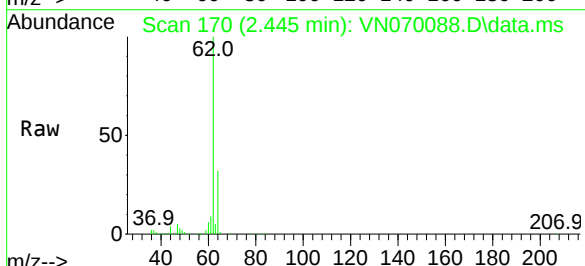
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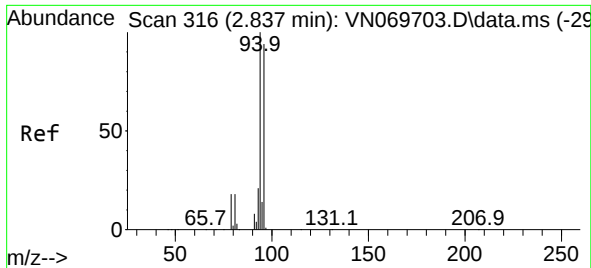
Reviewed By :John Carlone 12/15/2021
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#4
Vinyl Chloride
Concen: 47.832 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

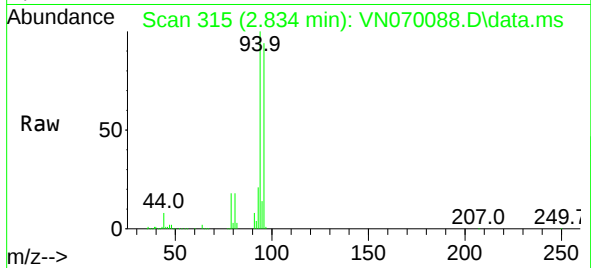
Tgt Ion: 62 Resp: 621221
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 49.840 ug/l
RT: 2.834 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

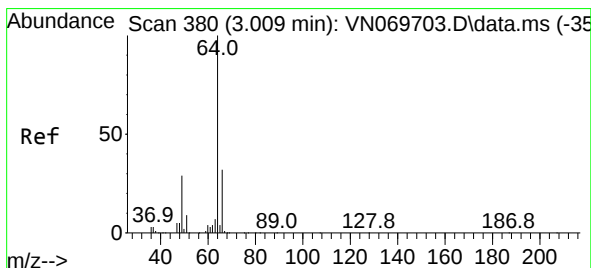
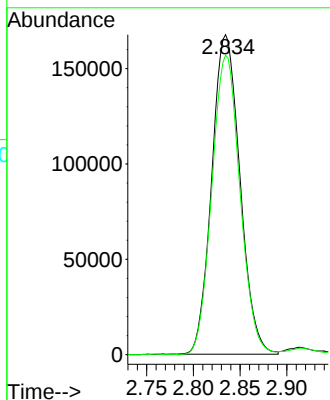
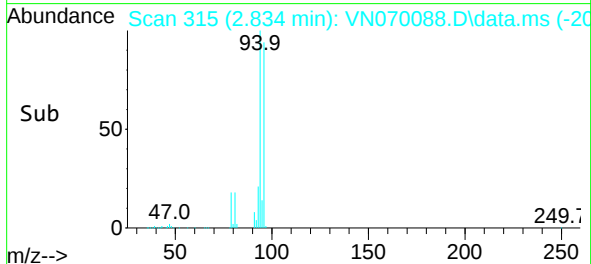
Instrument :
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Tgt Ion: 94 Resp: 351669
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

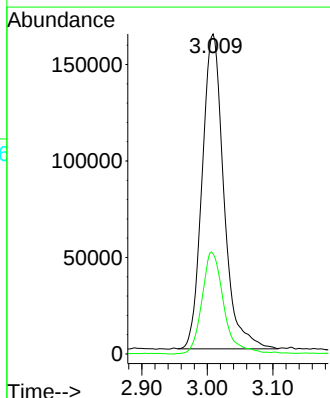
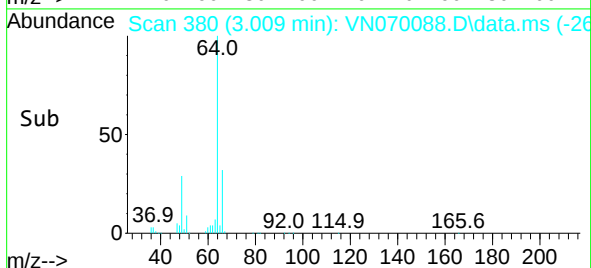
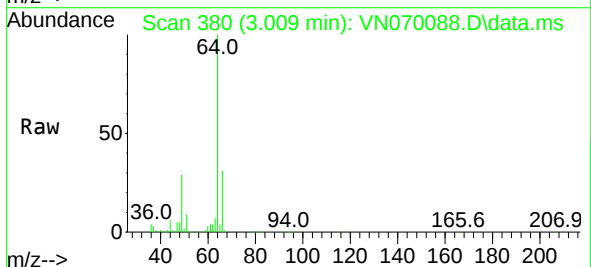
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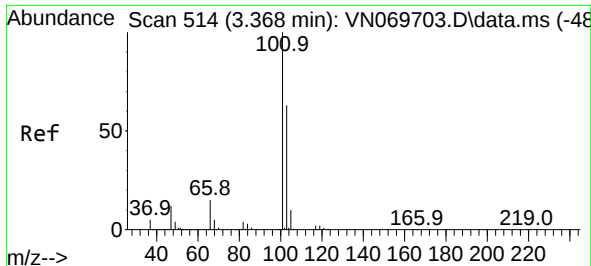
Reviewed By :John Carlone 12/15/2021
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#6
Chloroethane
Concen: 47.095 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

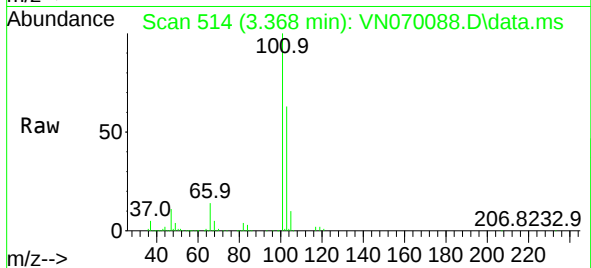
Tgt Ion: 64 Resp: 374813
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 46.155 ug/l
 RT: 3.368 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04

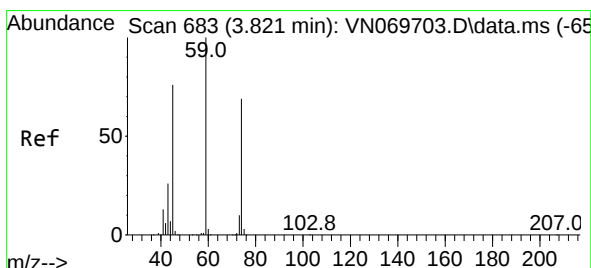
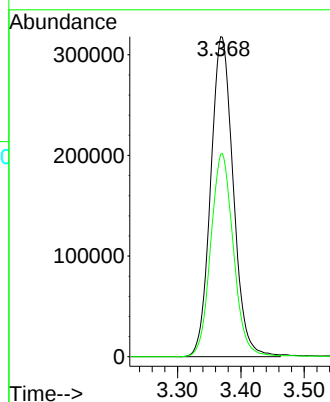
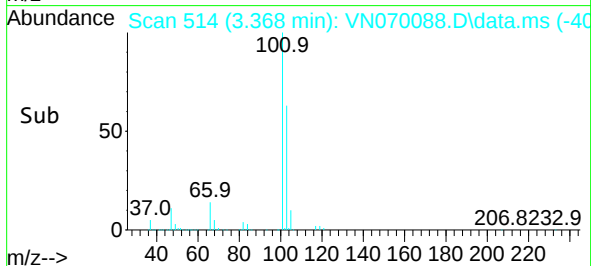
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 78673
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.1 75.1

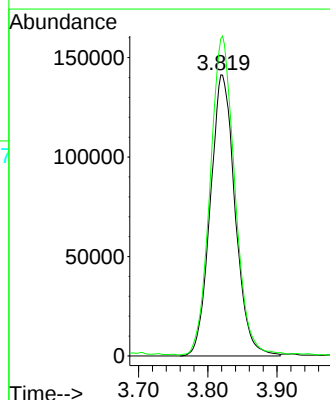
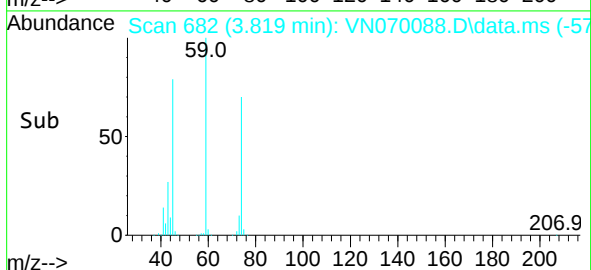
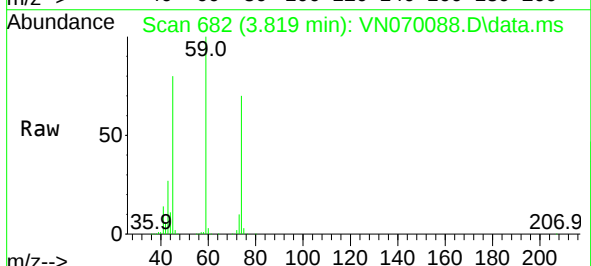
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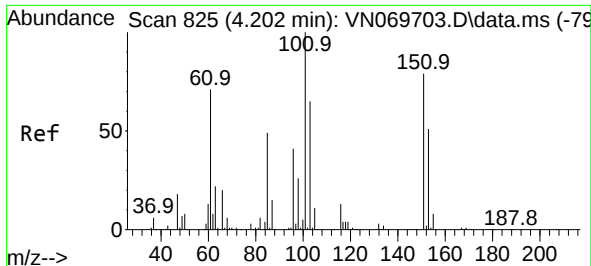
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#8
 Diethyl Ether
 Concen: 53.404 ug/l
 RT: 3.819 min Scan# 682
 Delta R.T. -0.003 min
 Lab File: VN070088.D
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Tgt Ion: 74 Resp: 350596
 Ion Ratio Lower Upper
 74 100
 45 112.8 47.0 141.2





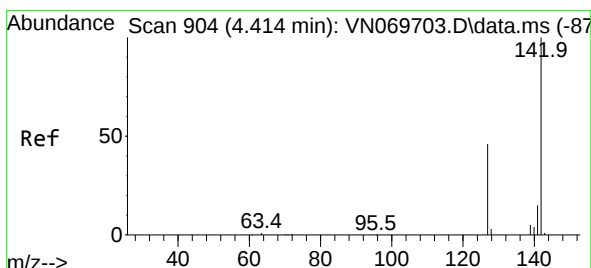
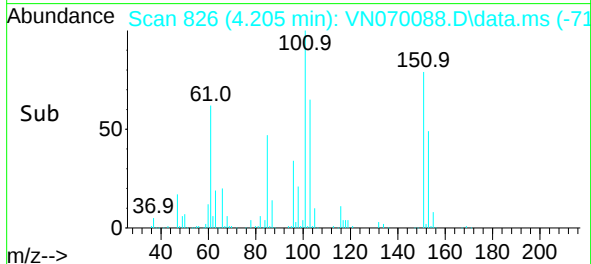
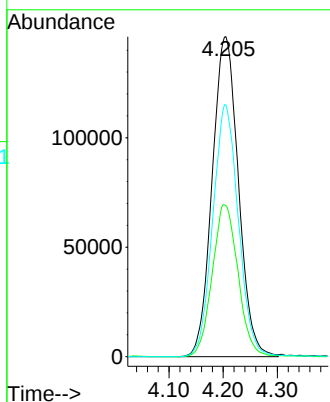
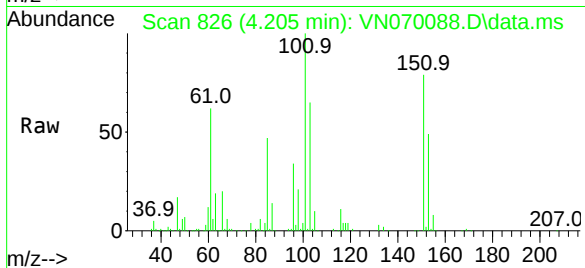
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.427 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 49138
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.9 65.9 98.9

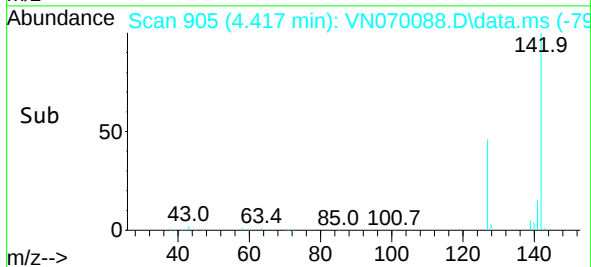
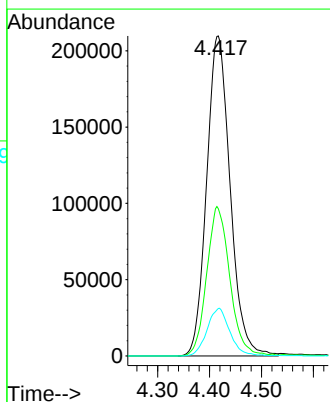
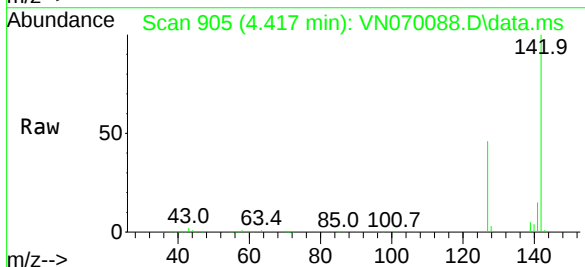
Manual Integrations
APPROVED

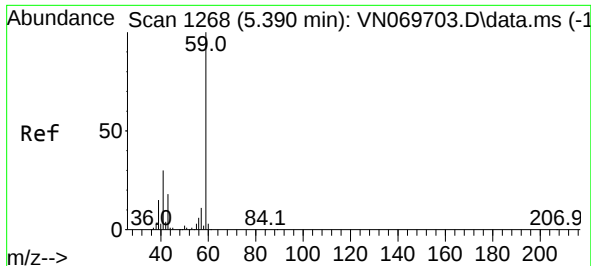
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 50.633 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

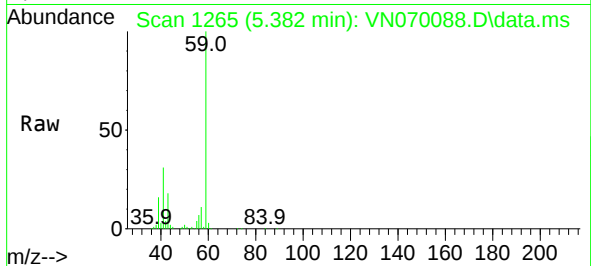
Tgt Ion:142 Resp: 660932
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 235.536 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

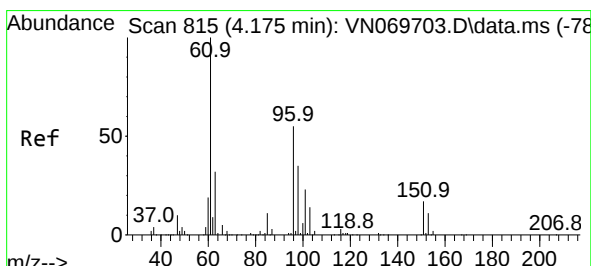
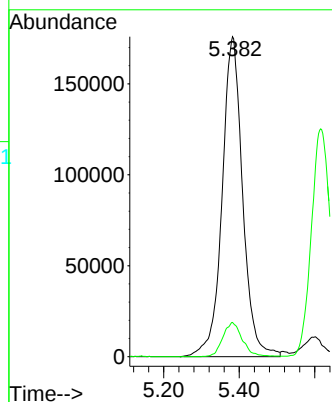
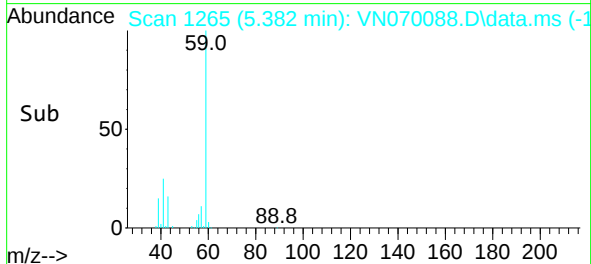
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



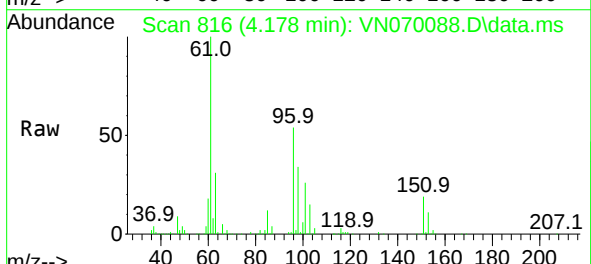
Tgt Ion: 59 Resp: 664479
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
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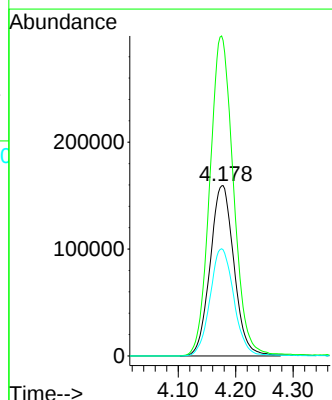
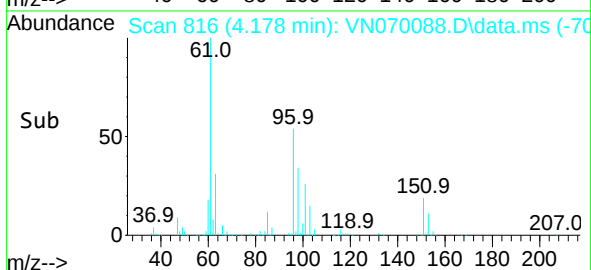
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 49.964 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



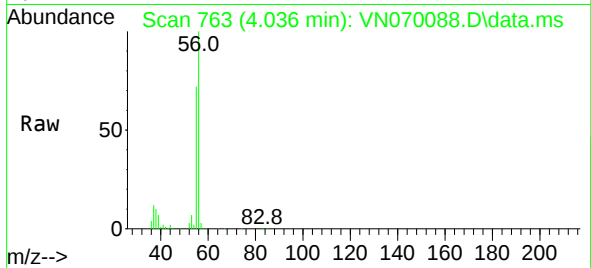
Tgt Ion: 96 Resp: 460045
Ion Ratio Lower Upper
96 100
61 185.0 131.0 196.6
98 62.3 52.4 78.6





#13
Acrolein
Concen: 233.085 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

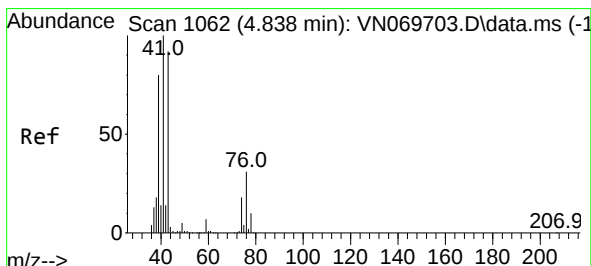
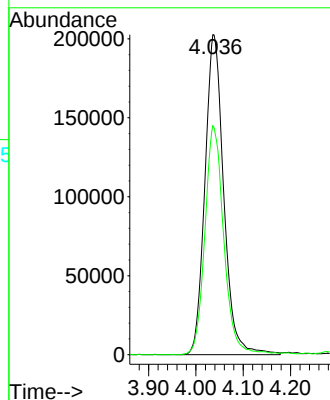
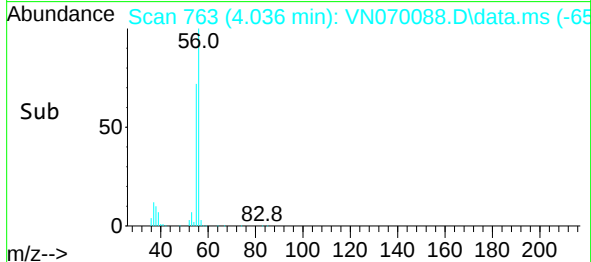
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



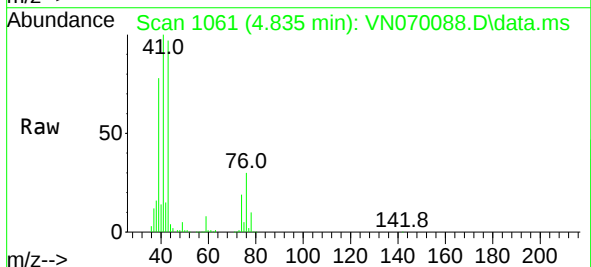
Tgt Ion: 56 Resp: 559970
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
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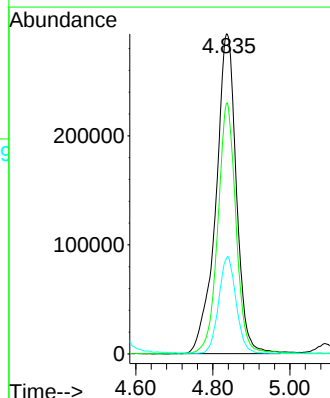
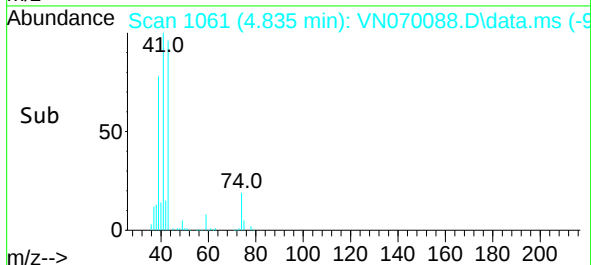
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

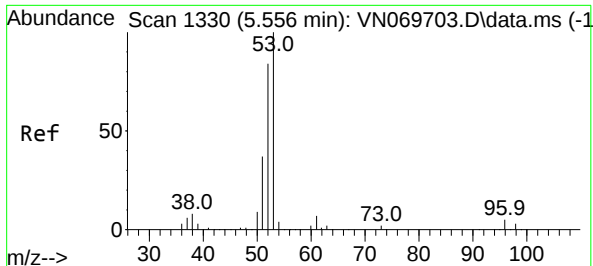


#14
Allyl chloride
Concen: 52.376 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



Tgt Ion: 41 Resp: 1086694
Ion Ratio Lower Upper
41 100
39 69.0 61.2 91.8
76 25.4 26.0 39.0#





#15

Acrylonitrile

Concen: 262.605 ug/l

RT: 5.554 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 199631

Ion Ratio Lower Upper

53 100

52 83.3 66.2 99.2

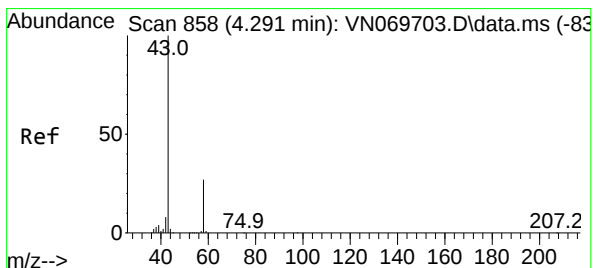
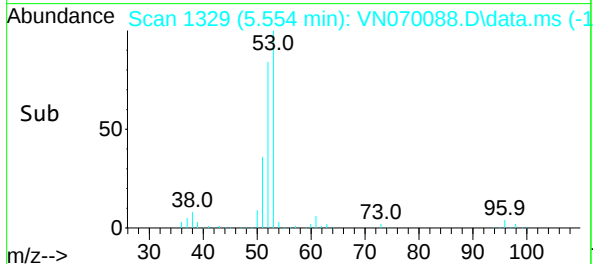
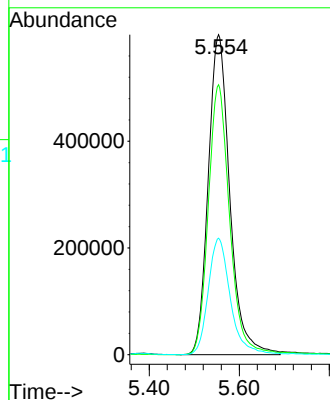
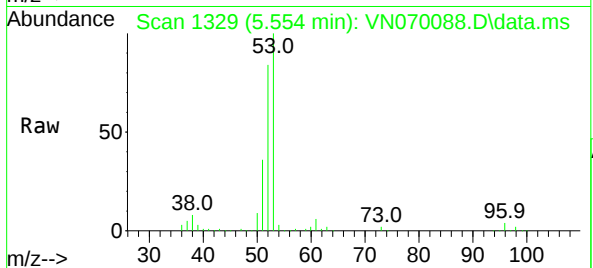
51 37.3 29.6 44.4

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#16

Acetone

Concen: 210.439 ug/l

RT: 4.288 min Scan# 857

Delta R.T. -0.003 min

Lab File: VN070088.D

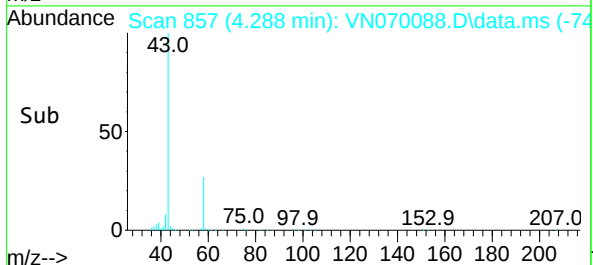
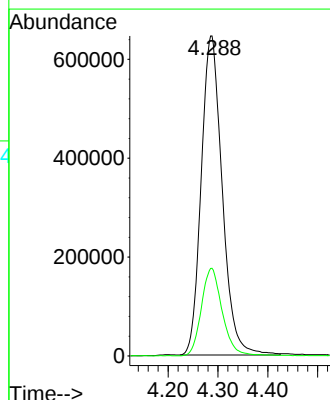
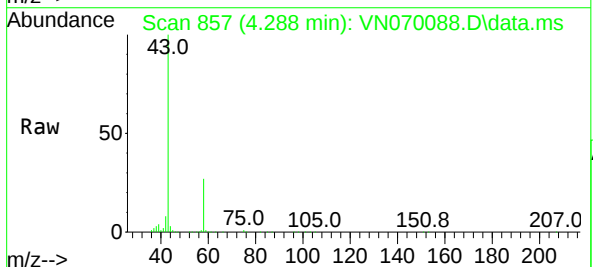
Acq: 14 Dec 2021 23:04

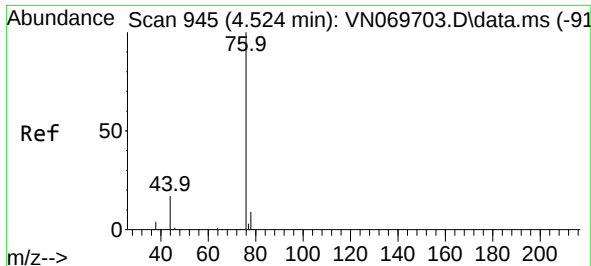
Tgt Ion: 43 Resp: 1889299

Ion Ratio Lower Upper

43 100

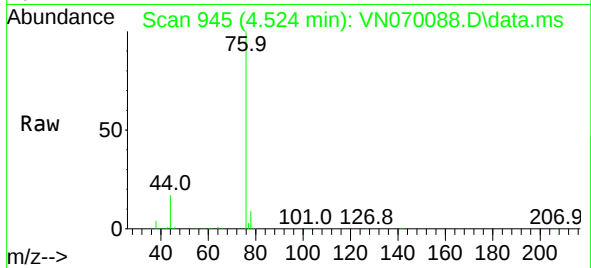
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 43.490 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

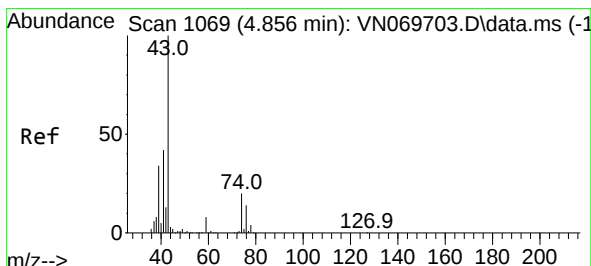
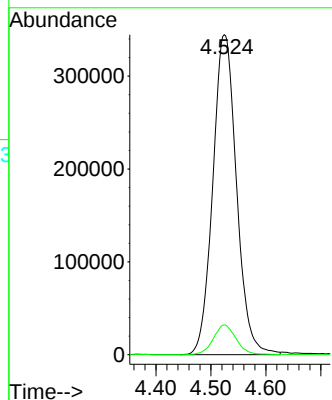
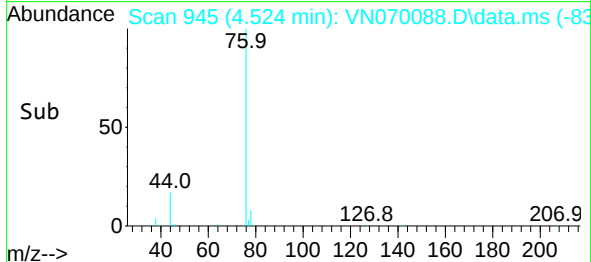
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



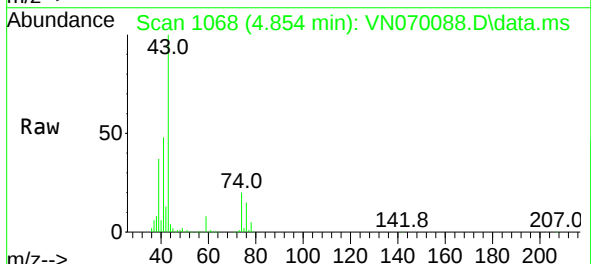
Tgt Ion: 76 Resp: 103451
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
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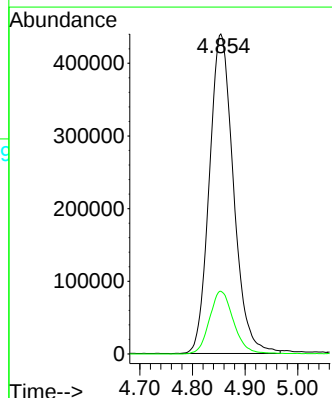
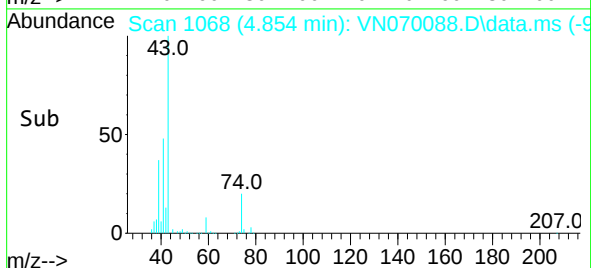
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

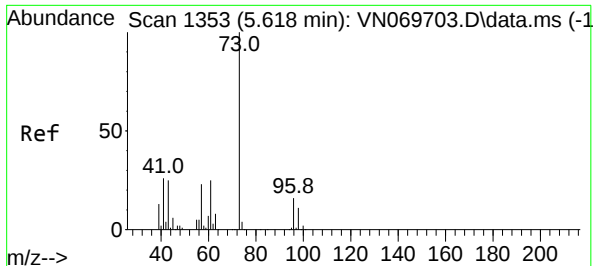


#18
Methyl Acetate
Concen: 51.663 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



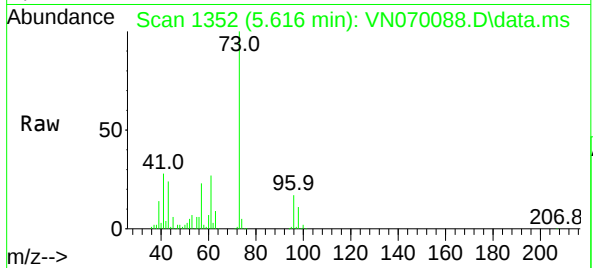
Tgt Ion: 43 Resp: 1400021
Ion Ratio Lower Upper
43 100
74 19.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.645 ug/l
RT: 5.616 min Scan# 1155
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

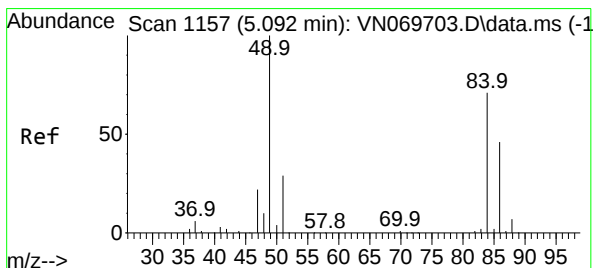
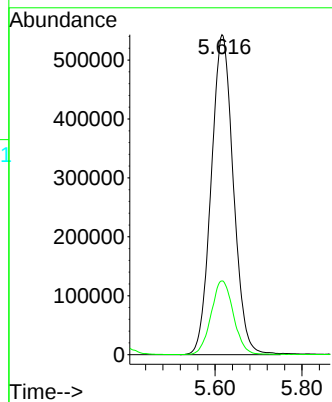
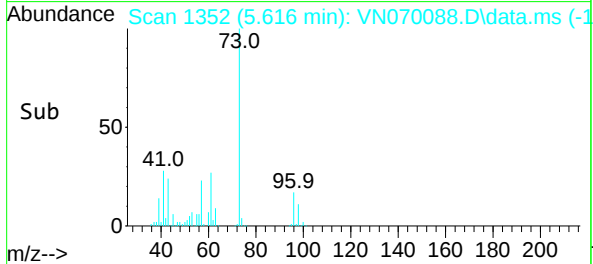
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 192055
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2

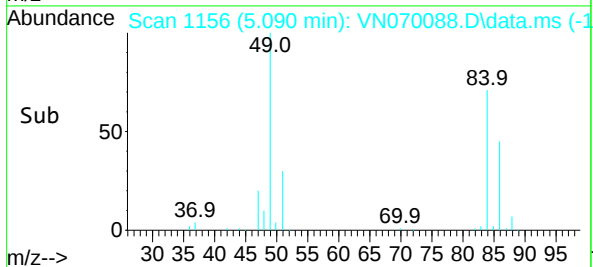
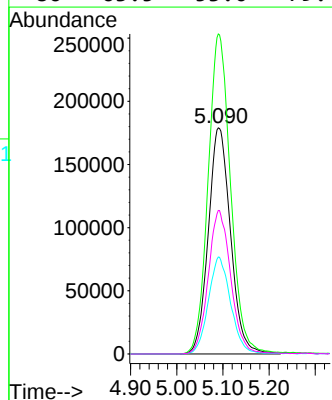
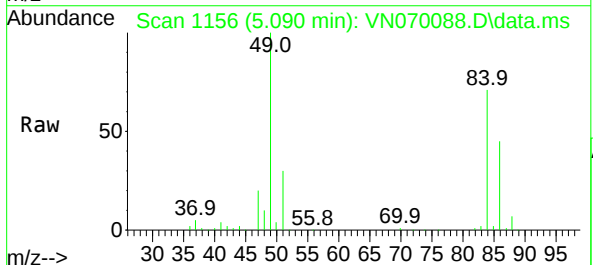
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 50.254 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

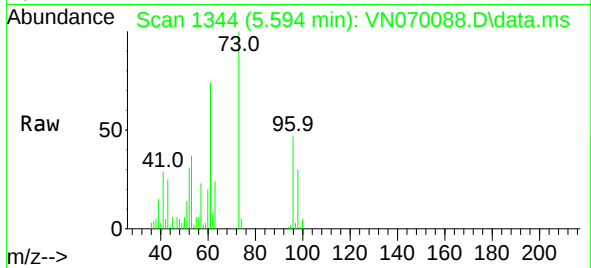
Tgt Ion: 84 Resp: 599786
Ion Ratio Lower Upper
84 100
49 141.6 93.5 140.3#
51 42.9 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.987 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

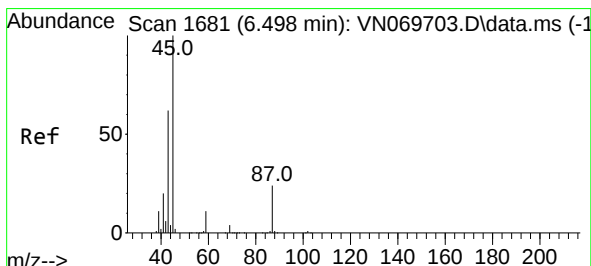
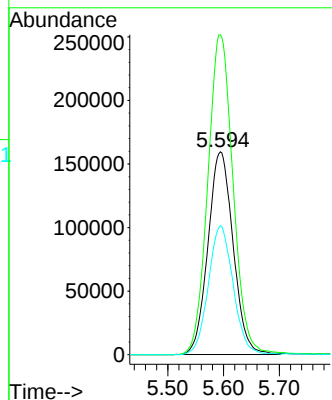
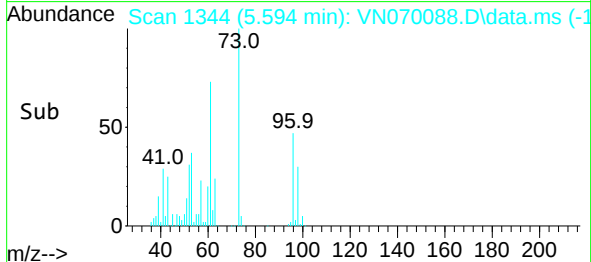
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



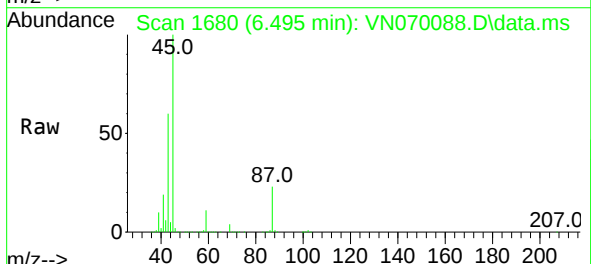
Tgt Ion: 96 Resp: 499911
Ion Ratio Lower Upper
96 100
61 157.6 105.8 158.6
98 63.7 52.0 78.0

Manual Integrations
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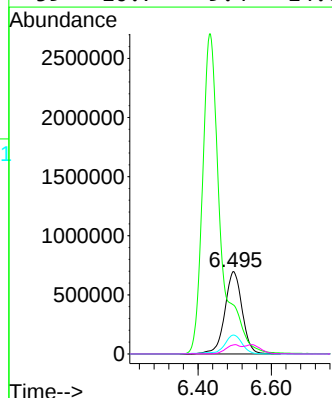
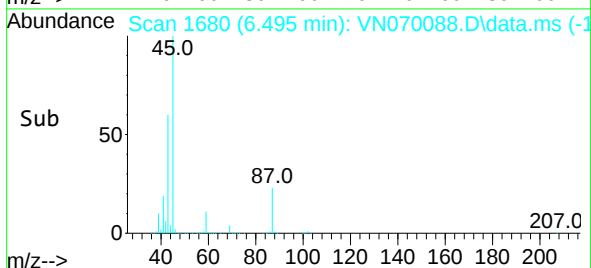
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

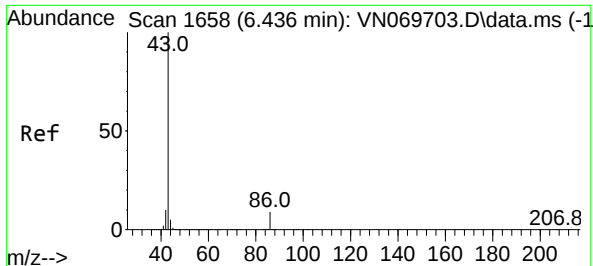


#22
Diisopropyl ether
Concen: 56.509 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



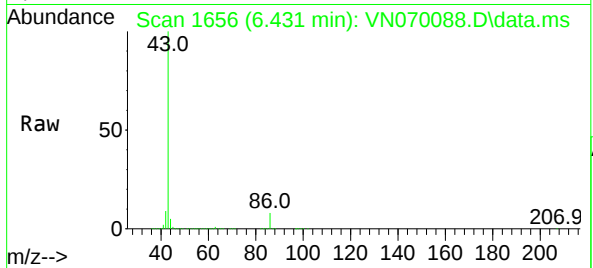
Tgt Ion: 45 Resp: 2291603
Ion Ratio Lower Upper
45 100
43 59.8 51.7 77.5
87 23.0 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 277.004 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.005 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04

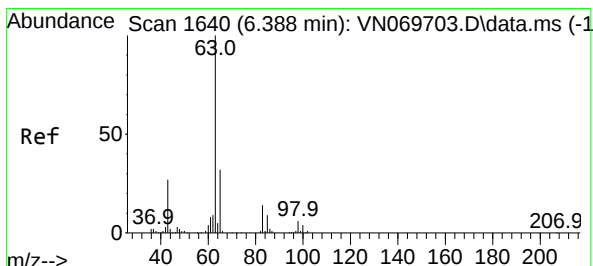
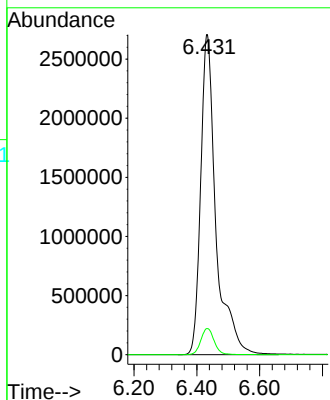
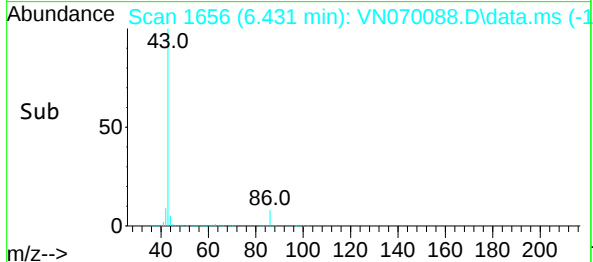
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



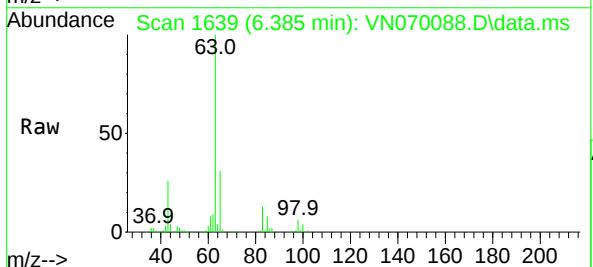
Tgt Ion: 43 Resp: 9138994
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
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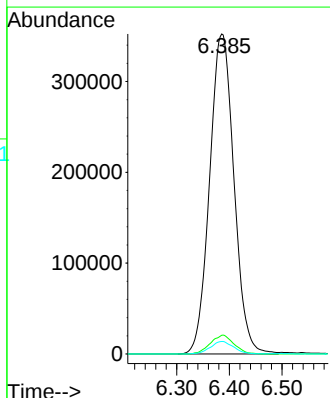
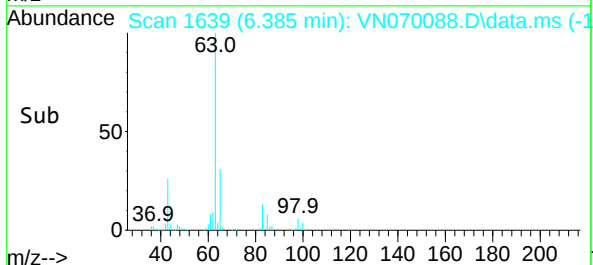
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#24
 1,1-Dichloroethane
 Concen: 53.925 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04



Tgt Ion: 63 Resp: 1132804
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 242.821 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 2962024

Ion Ratio Lower Upper

43 100

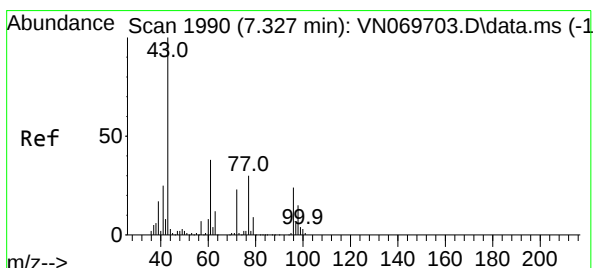
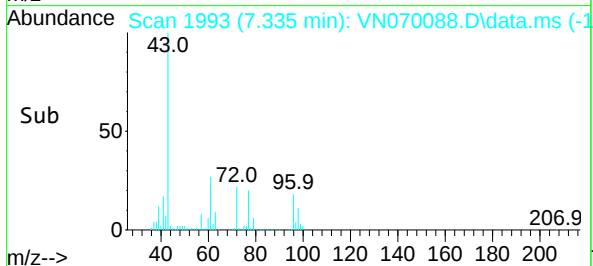
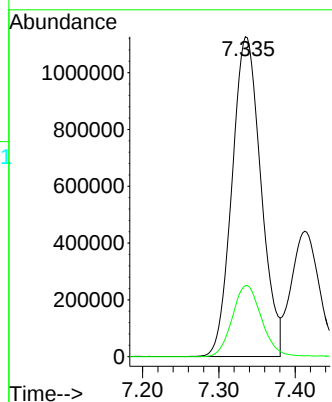
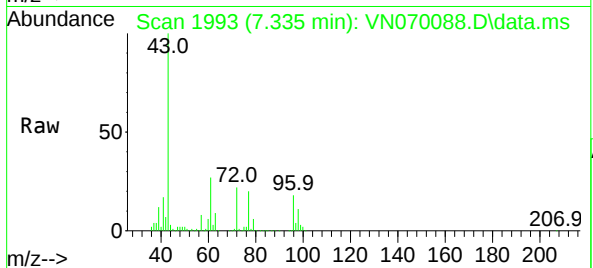
72 22.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 46.248 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070088.D

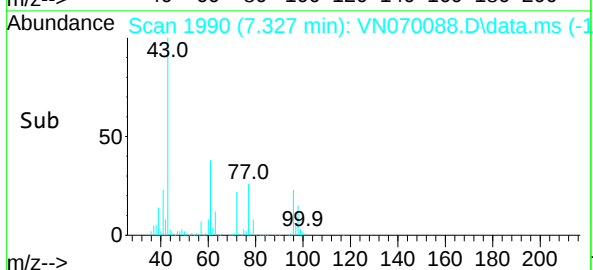
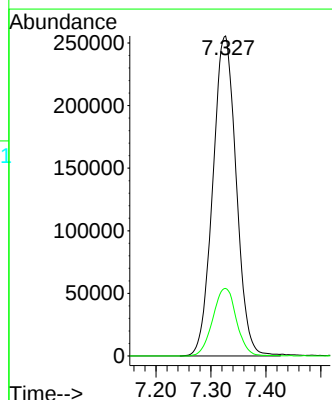
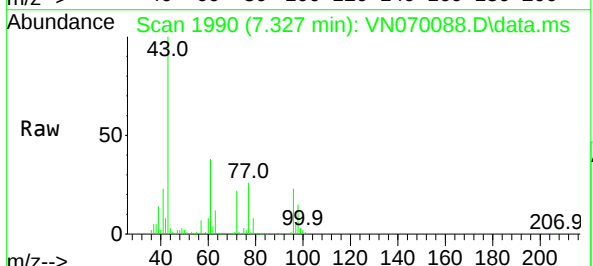
Acq: 14 Dec 2021 23:04

Tgt Ion: 77 Resp: 755374

Ion Ratio Lower Upper

77 100

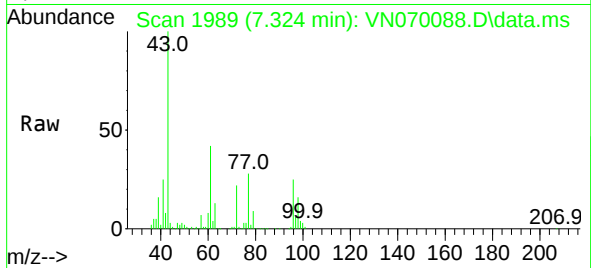
97 21.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 51.204 ug/l
 RT: 7.324 min Scan# 1990
 Delta R.T. -0.003 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04

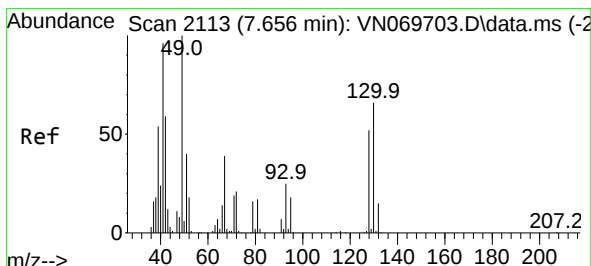
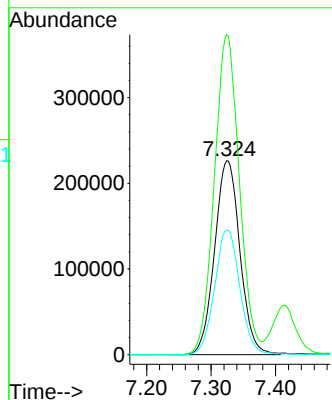
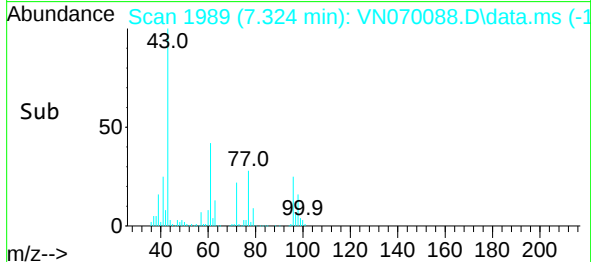
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 61869
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 275.0
 98 64.2 0.0 129.6

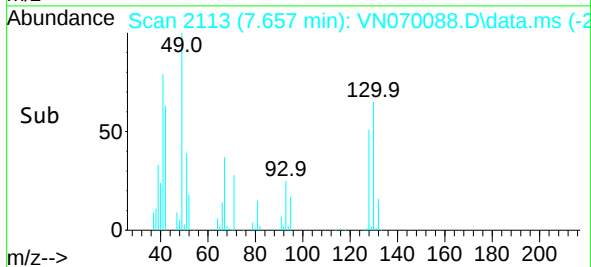
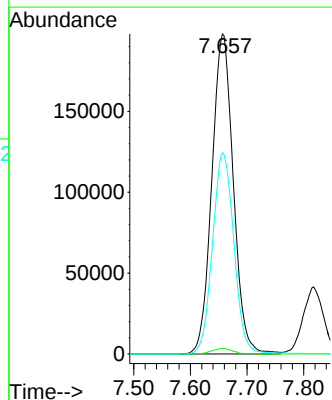
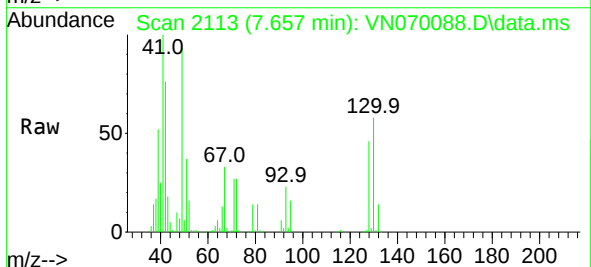
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#28
 Bromochloromethane
 Concen: 47.729 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04

Tgt Ion: 49 Resp: 521383
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 62.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 262.223 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070088.D

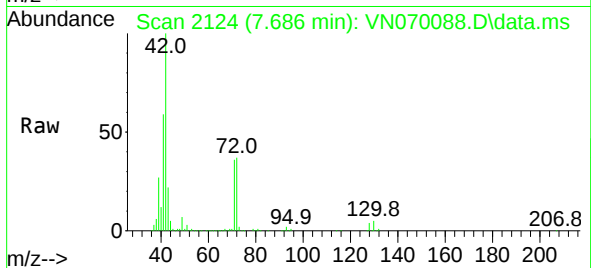
Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 194232

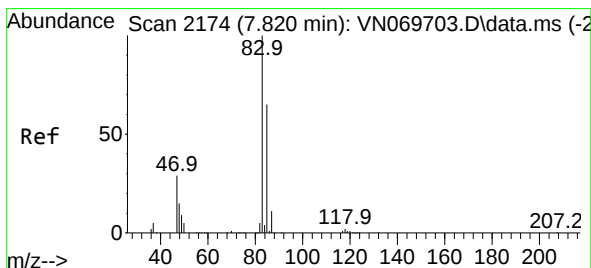
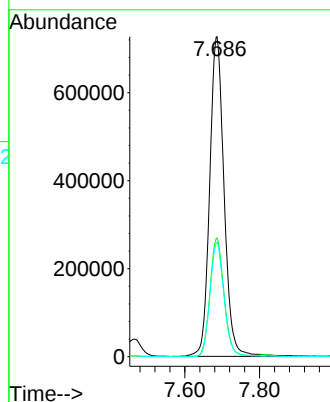
Ion	Ratio	Lower	Upper
42	100		
72	36.2	36.3	54.5
71	34.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 52.750 ug/l

RT: 7.817 min Scan# 2173

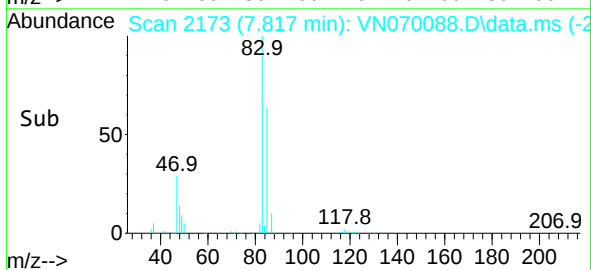
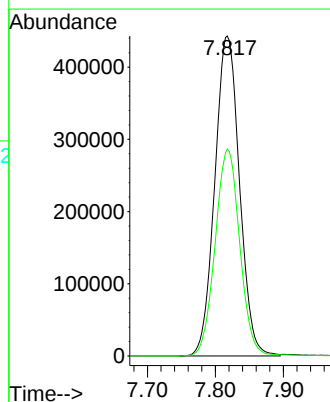
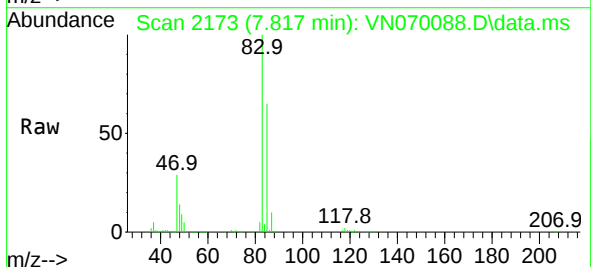
Delta R.T. -0.003 min

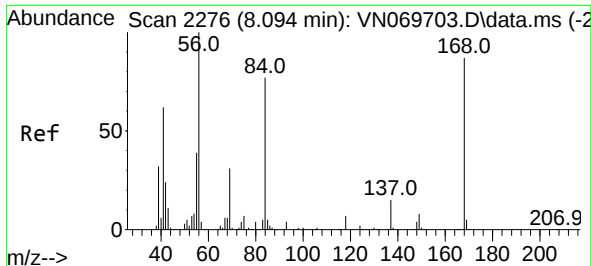
Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Tgt Ion: 83 Resp: 1119115

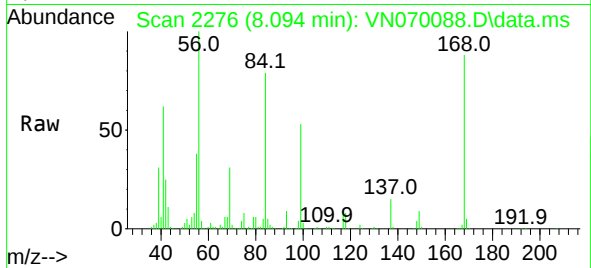
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.9	77.9





#31
Cyclohexane
Concen: 48.861 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

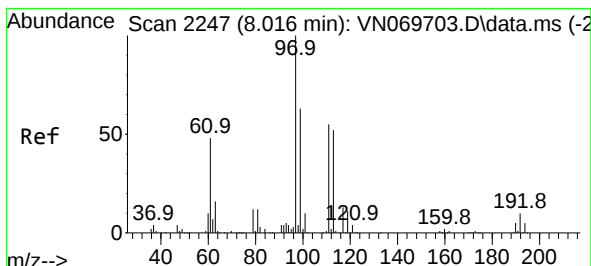
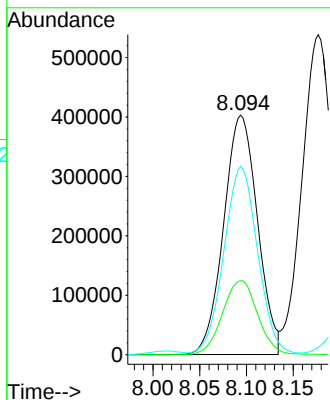
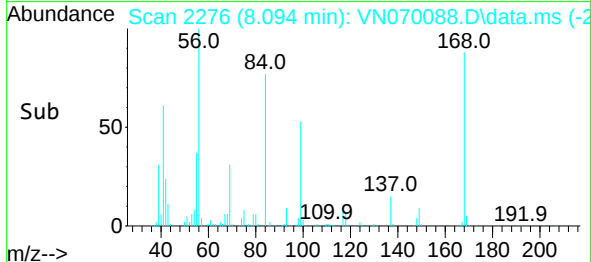
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 101484
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 77.4 73.4 110.0

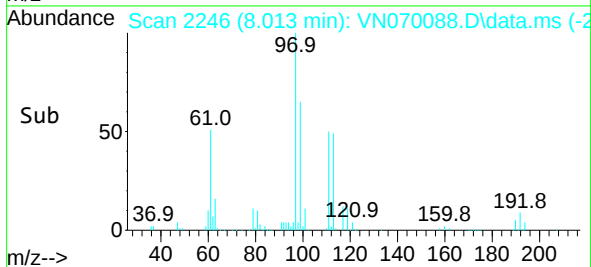
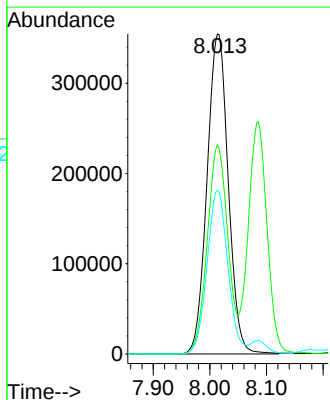
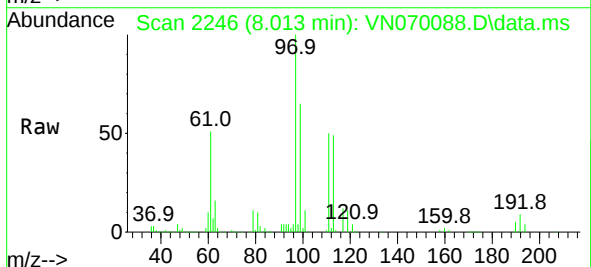
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#32
1,1,1-Trichloroethane
Concen: 50.969 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion: 97 Resp: 921099
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 50.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.929 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070088.D

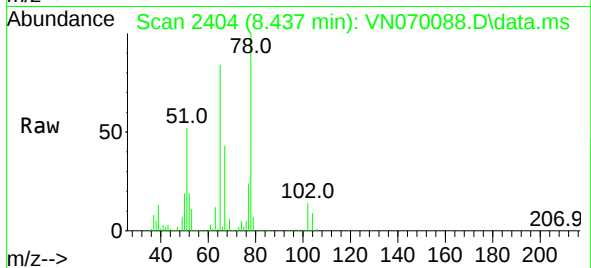
Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 65 Resp: 70039

Ion Ratio Lower Upper

65 100

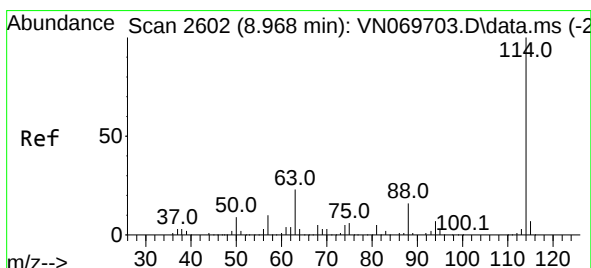
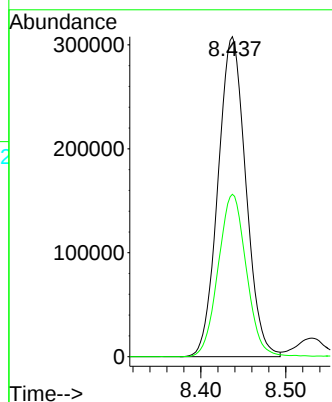
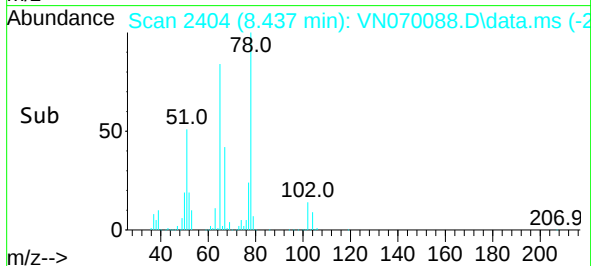
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

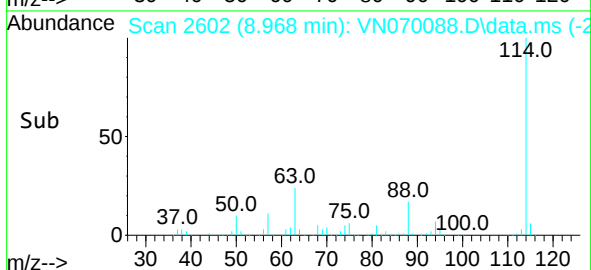
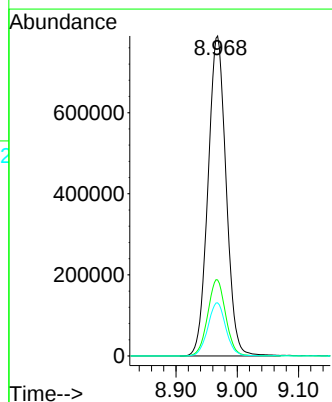
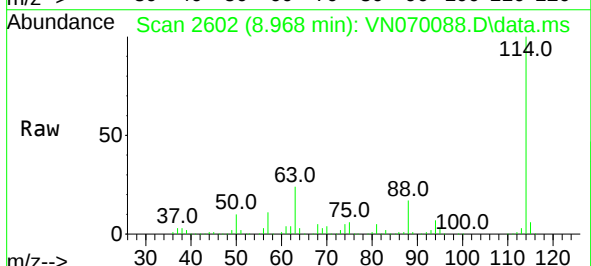
Tgt Ion:114 Resp: 1619282

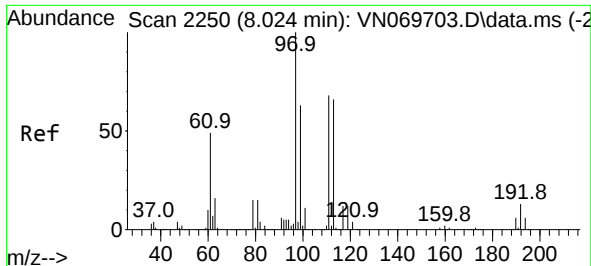
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

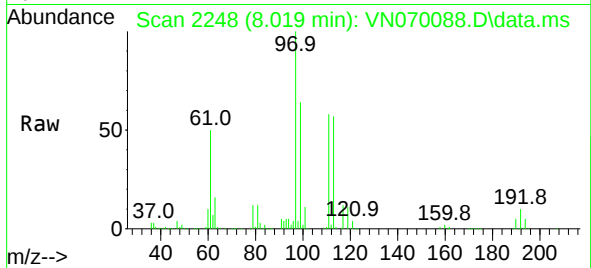
88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.279 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

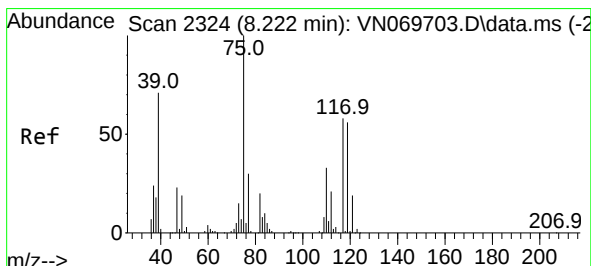
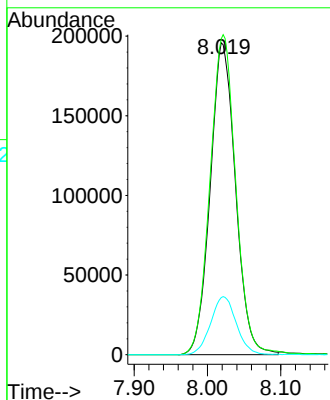
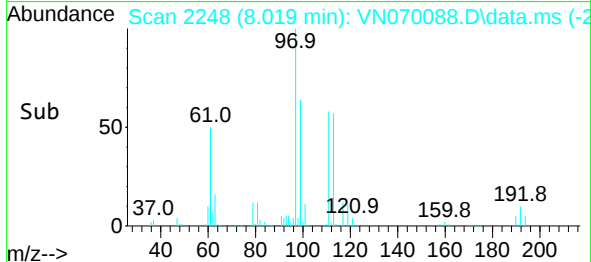
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



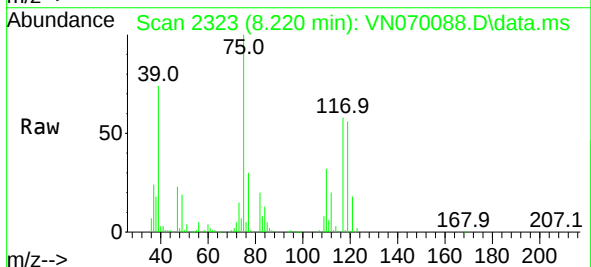
Tgt Ion: 113 Resp: 46940
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 18.9 16.9 25.3

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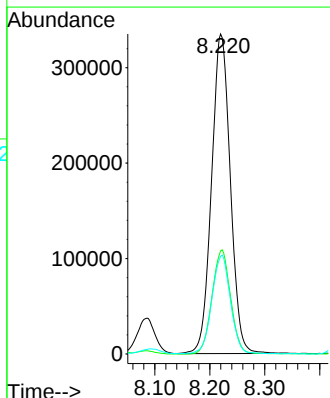
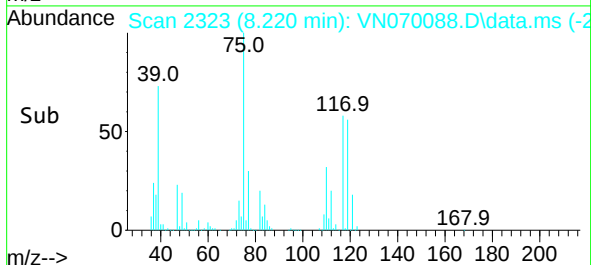
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

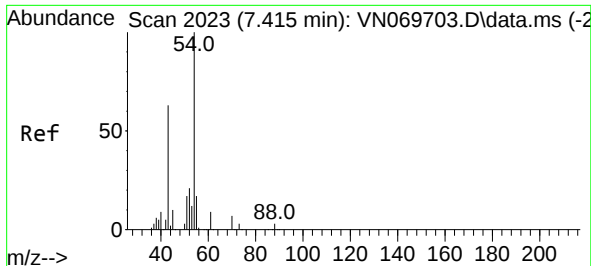


#36
1,1-Dichloropropene
Concen: 51.545 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



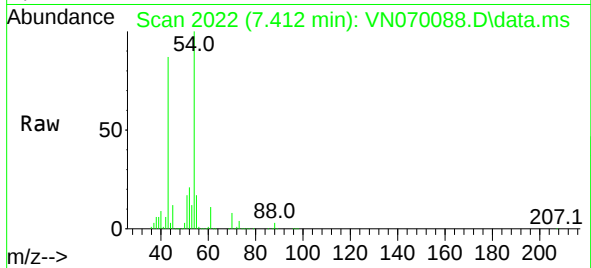
Tgt Ion: 75 Resp: 794577
Ion Ratio Lower Upper
75 100
110 32.2 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 49.536 ug/l
RT: 7.412 min Scan# 20
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

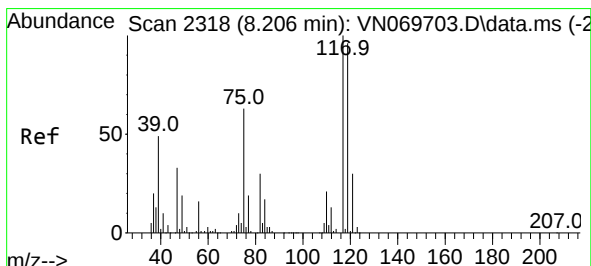
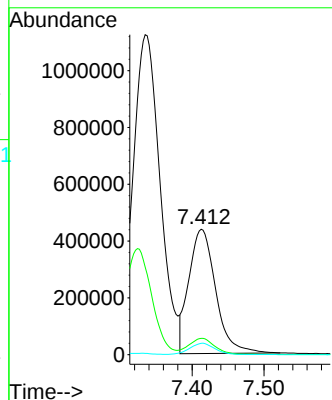
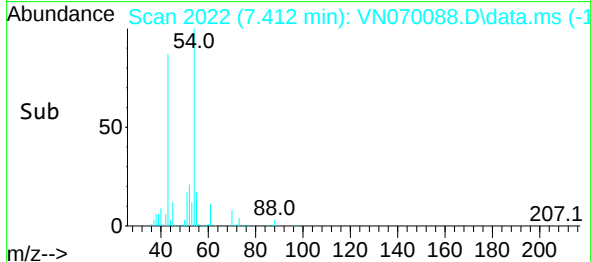
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 113651
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 8.6 7.9 11.9

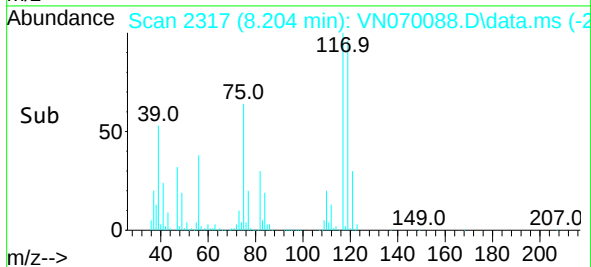
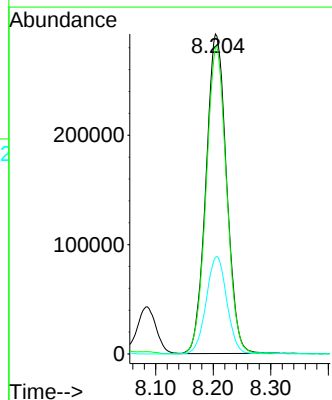
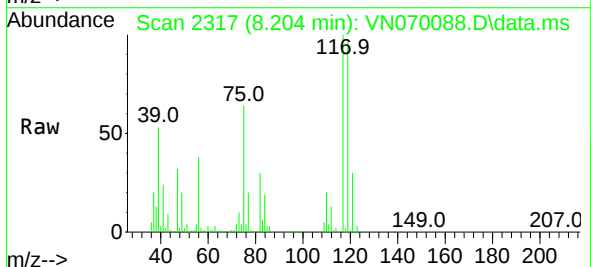
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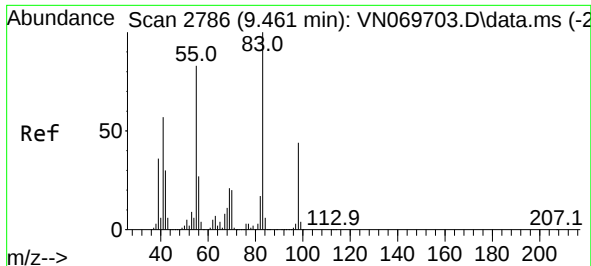
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#38
Carbon Tetrachloride
Concen: 48.026 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

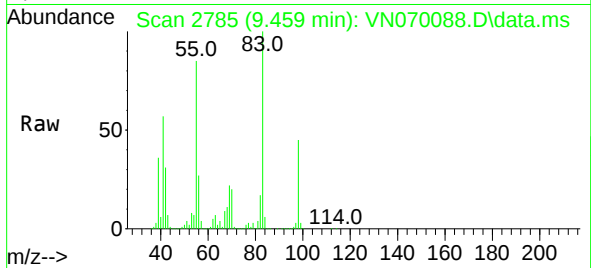
Tgt Ion:117 Resp: 725984
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.2 24.2 36.2





#39
Methylcyclohexane
Concen: 50.243 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

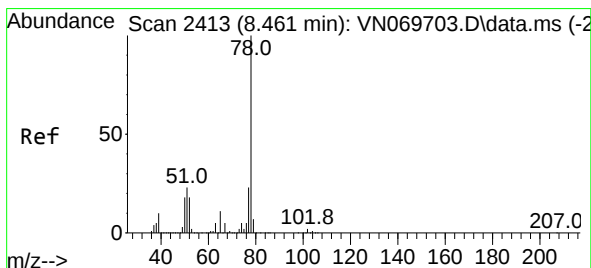
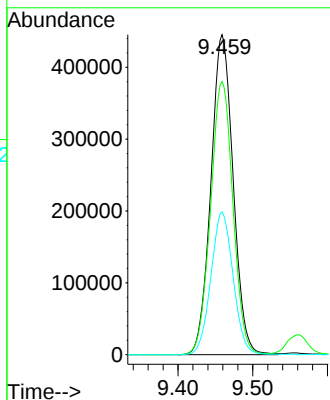
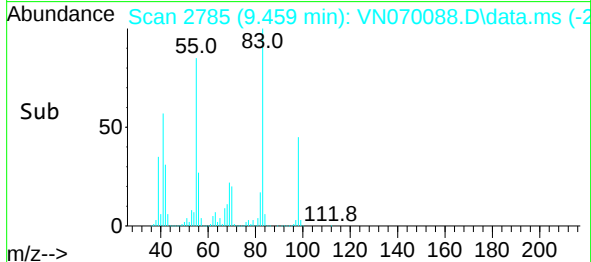
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 92124
Ion Ratio Lower Upper
83 100
55 85.3 58.1 87.1
98 44.7 38.4 57.6

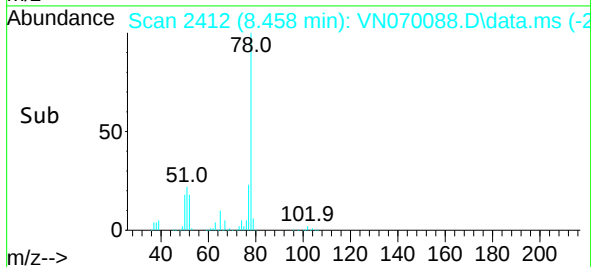
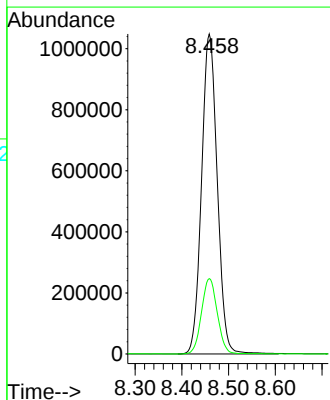
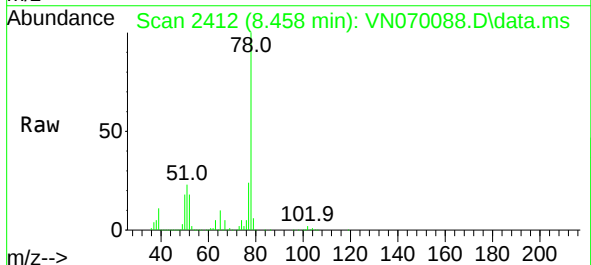
Manual Integrations
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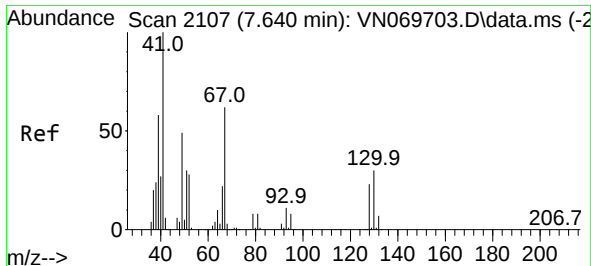
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#40
Benzene
Concen: 51.835 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

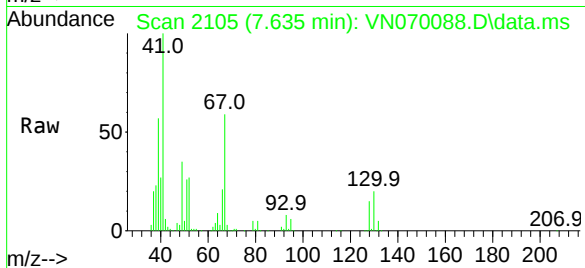
Tgt Ion: 78 Resp: 2442365
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 54.956 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

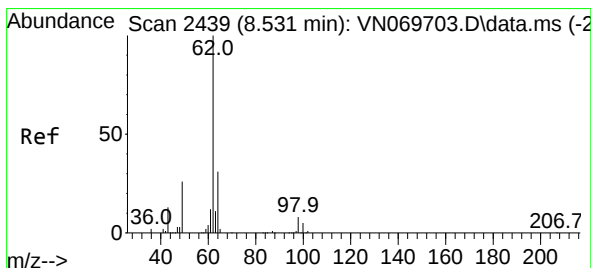
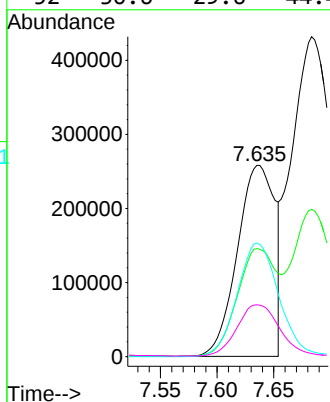
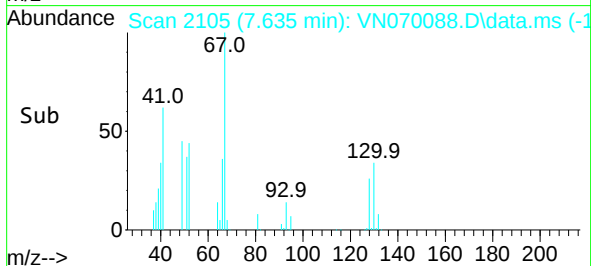
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 59189
Ion Ratio Lower Upper
41 100
39 59.4 48.1 72.1
67 67.0 68.3 102.5
52 30.6 29.6 44.4

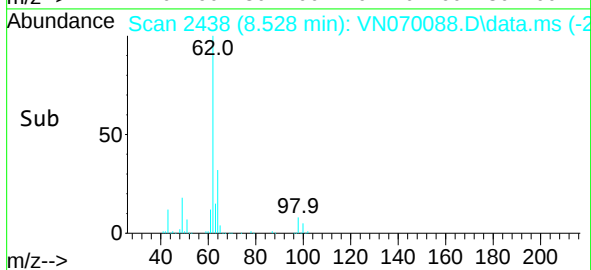
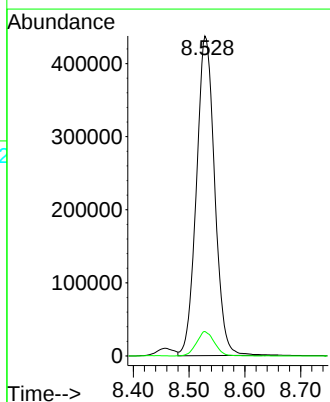
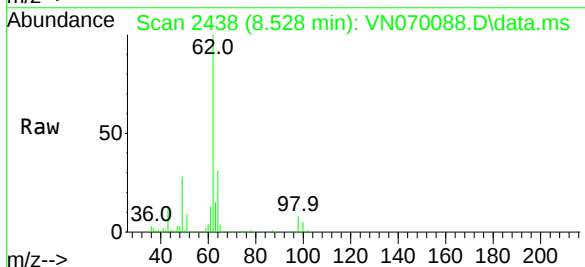
Manual Integrations
APPROVED

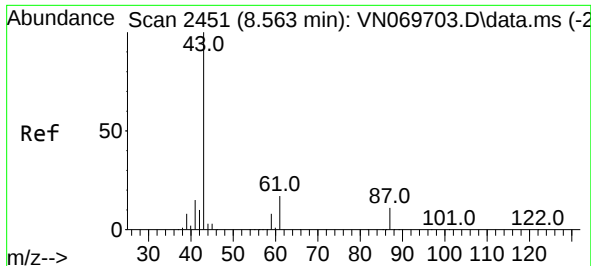
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 52.175 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

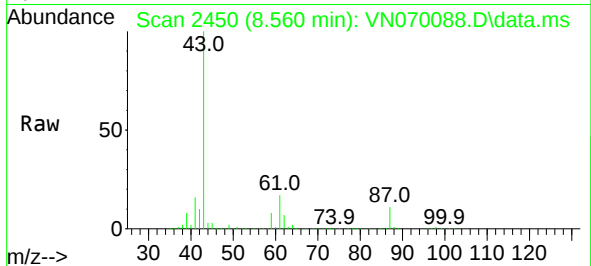
Tgt Ion: 62 Resp: 992400
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.591 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

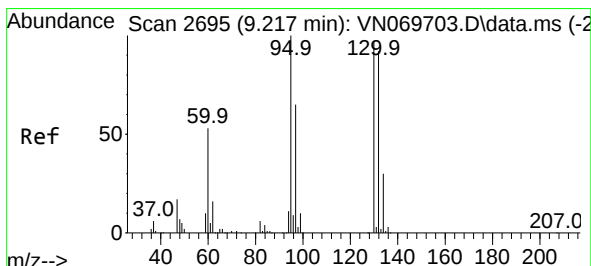
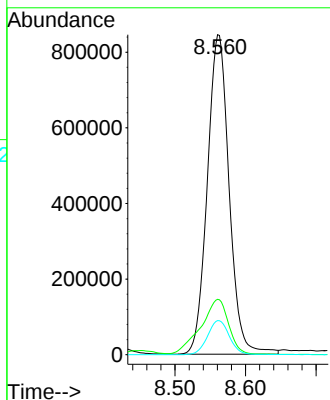
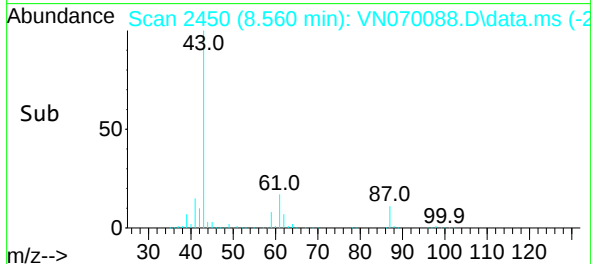
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 181954
Ion Ratio Lower Upper
43 100
61 21.9 20.4 30.6
87 10.7 11.2 16.8

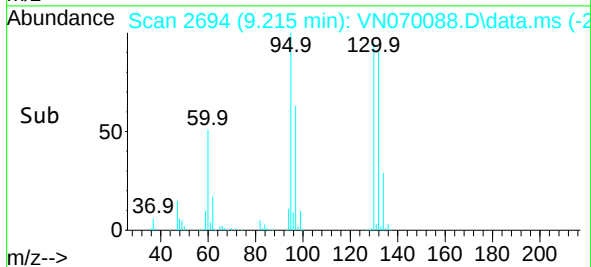
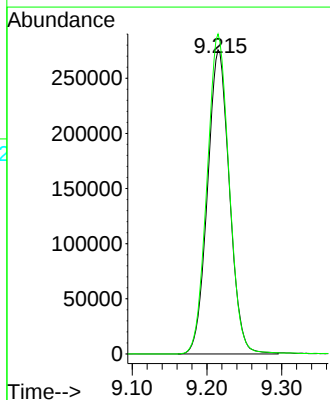
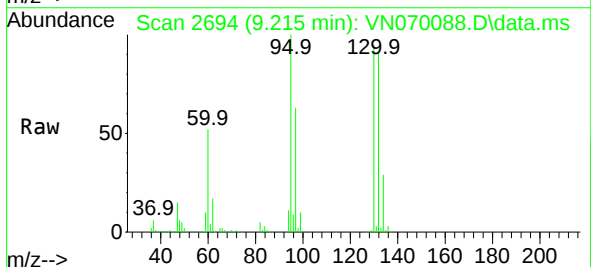
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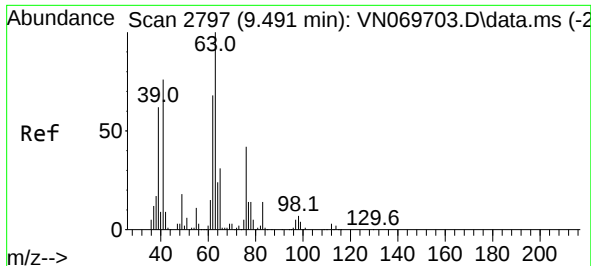
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#44
Trichloroethene
Concen: 50.054 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion:130 Resp: 562907
Ion Ratio Lower Upper
130 100
95 105.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.218 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 68601

Ion Ratio Lower Upper

63 100

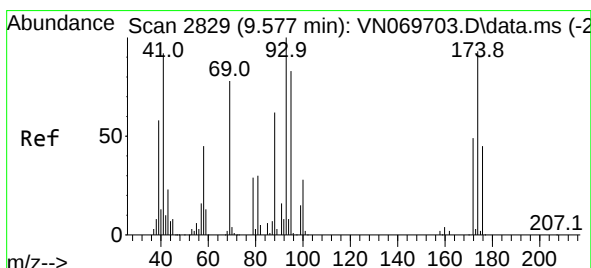
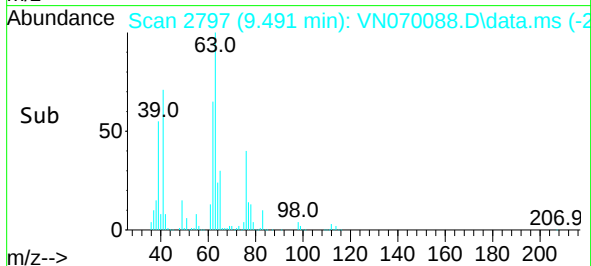
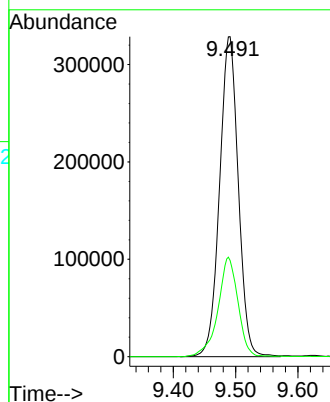
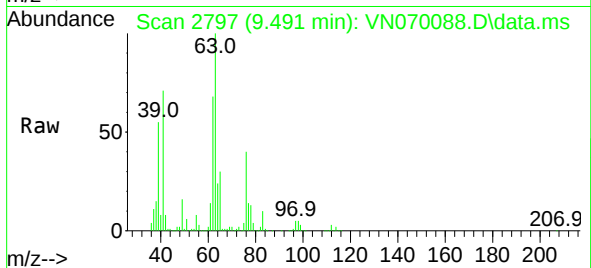
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#46

Dibromomethane

Concen: 51.564 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

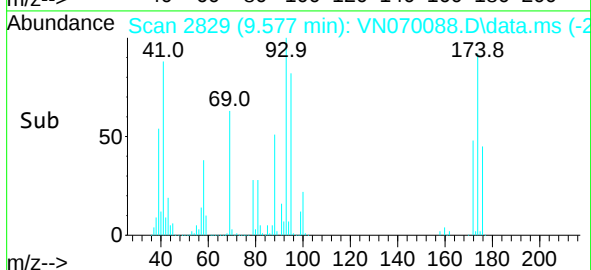
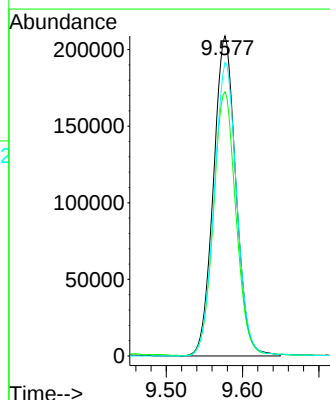
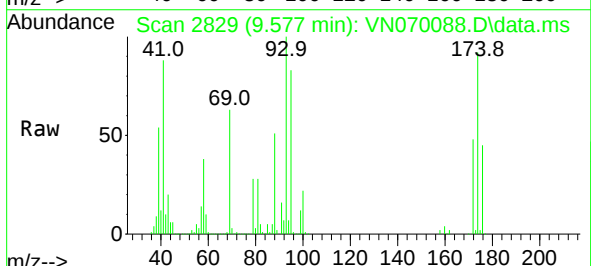
Tgt Ion: 93 Resp: 427889

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

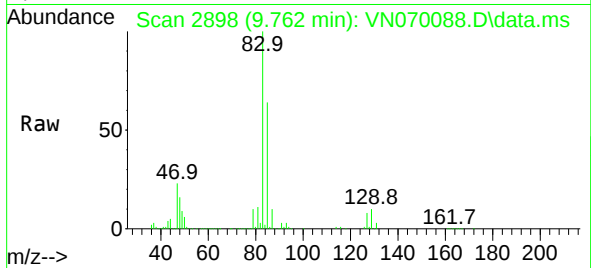
174 92.4 84.6 127.0





#47
Bromodichloromethane
Concen: 53.542 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

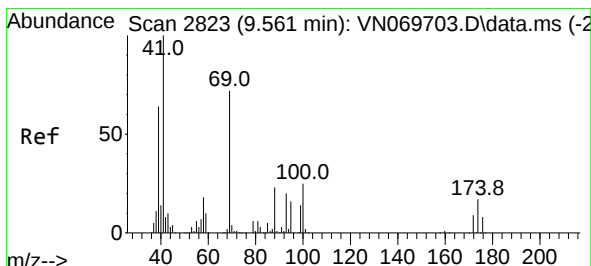
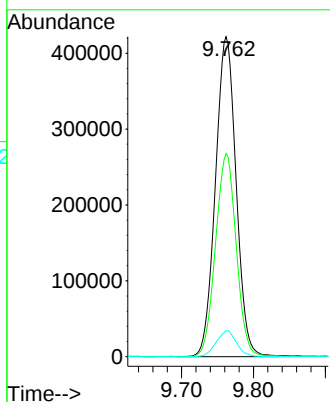
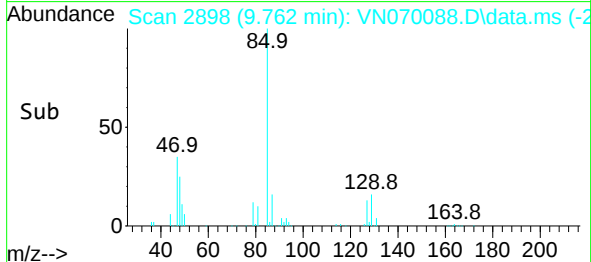
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 841219
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.1 7.1 10.7

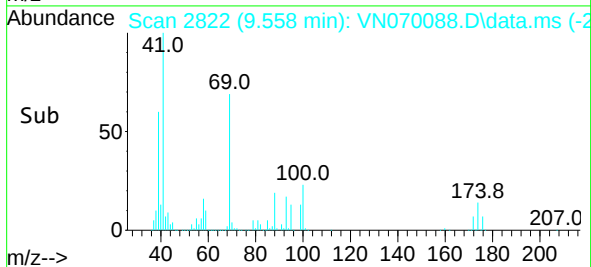
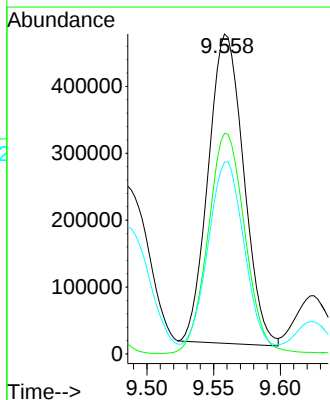
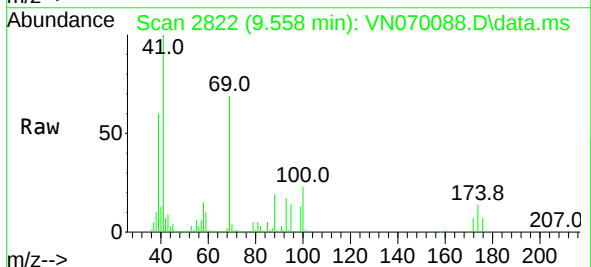
Manual Integrations
APPROVED

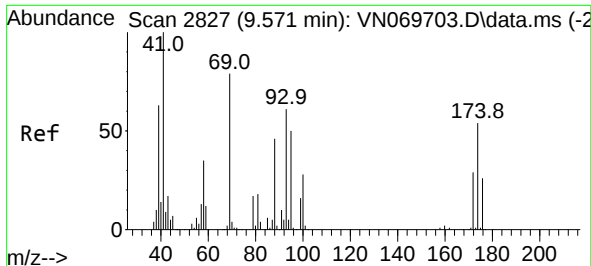
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 53.716 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion: 41 Resp: 851119
Ion Ratio Lower Upper
41 100
69 74.5 72.4 108.6
39 59.5 58.4 87.6





#49

1,4-Dioxane

Concen: 941.380 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN070088.D

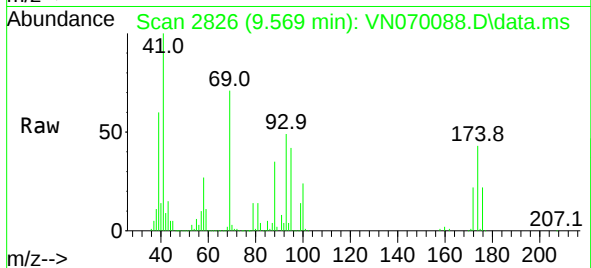
Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 267638

Ion Ratio Lower Upper

88 100

43 38.1 23.4 35.2

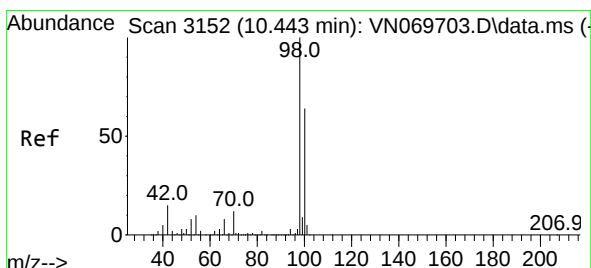
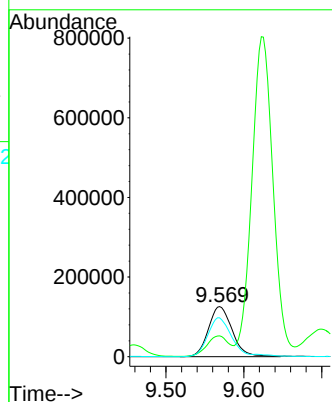
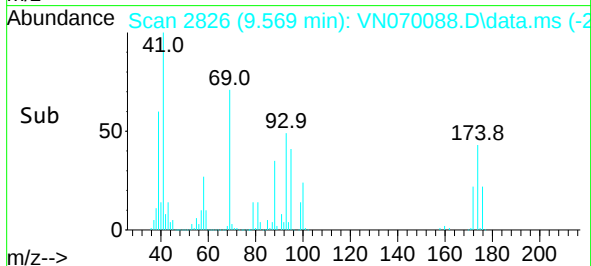
58 76.4 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 45.579 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070088.D

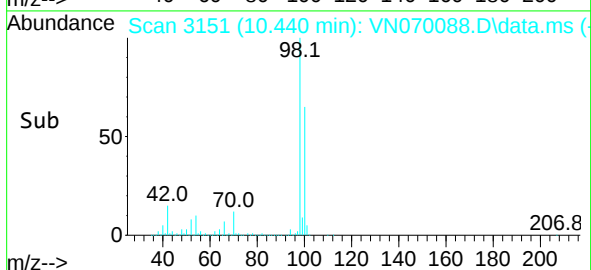
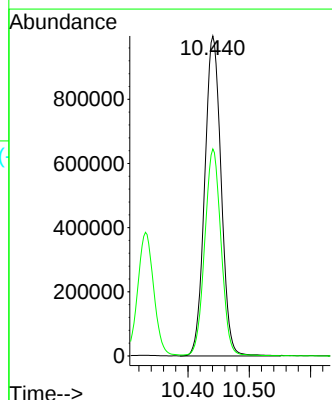
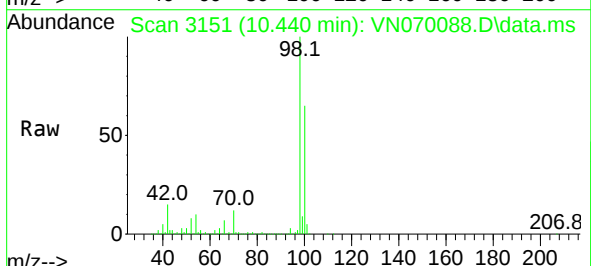
Acq: 14 Dec 2021 23:04

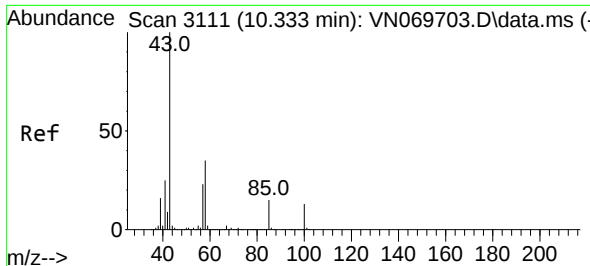
Tgt Ion: 98 Resp: 1856277

Ion Ratio Lower Upper

98 100

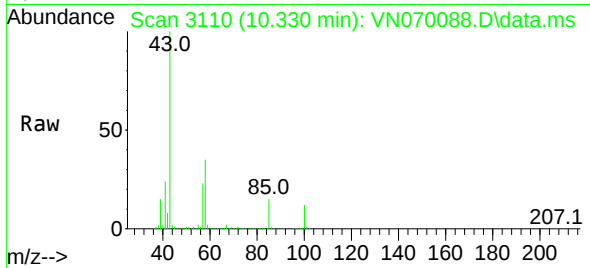
100 64.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 273.789 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

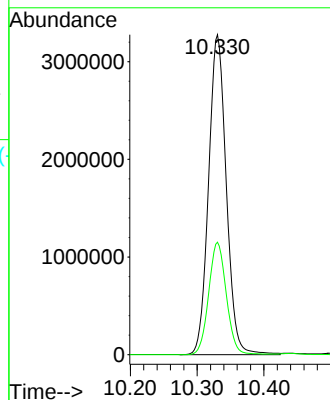
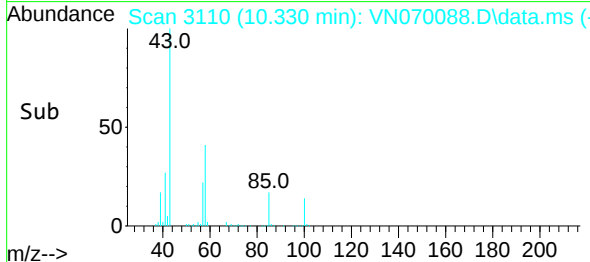
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 6030439
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

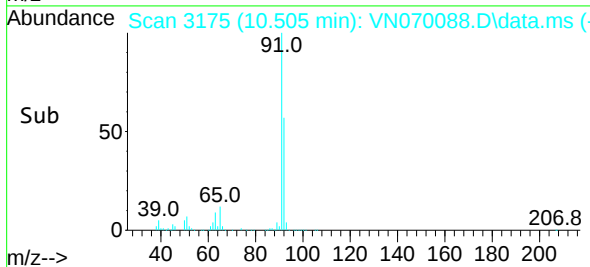
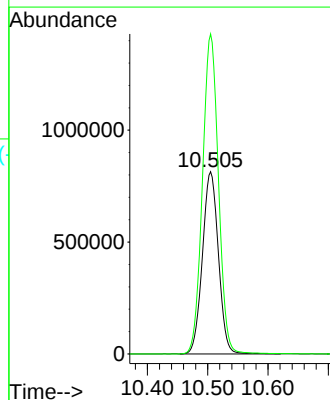
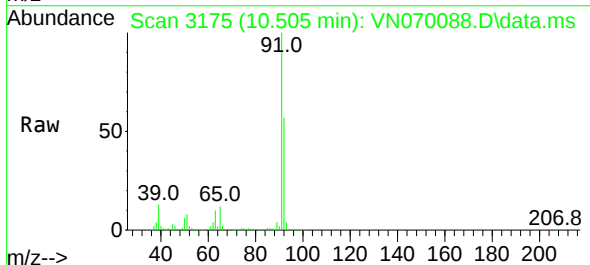
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 52.072 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

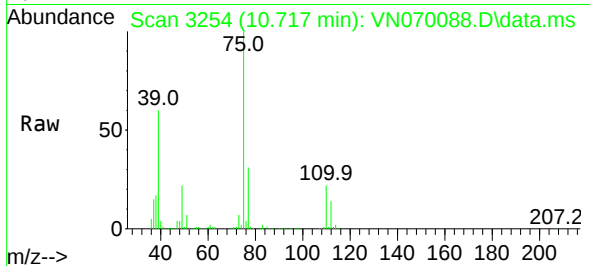
Tgt Ion: 92 Resp: 1497931
Ion Ratio Lower Upper
92 100
91 175.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.133 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

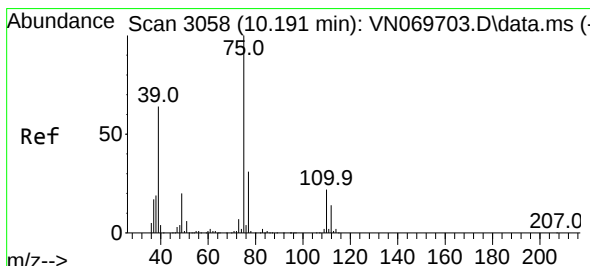
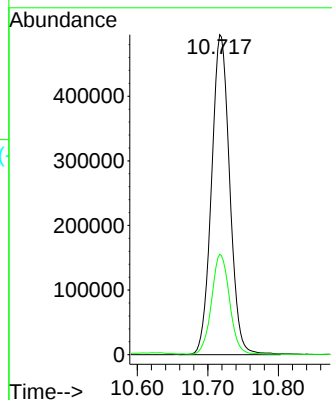
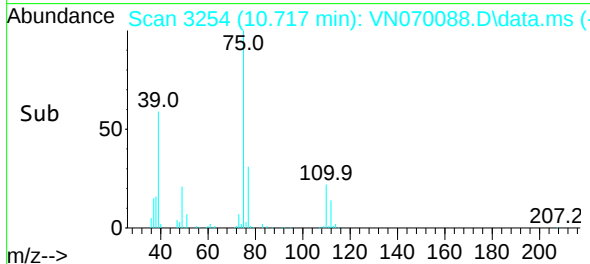
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 887579
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

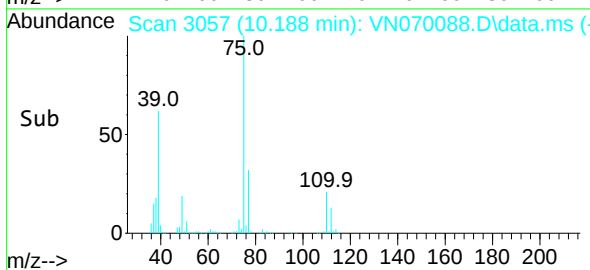
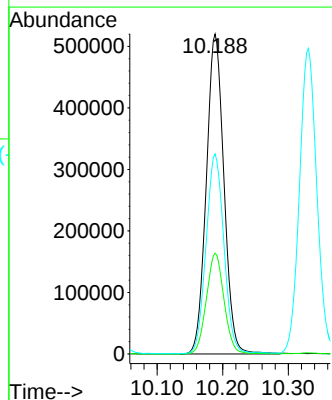
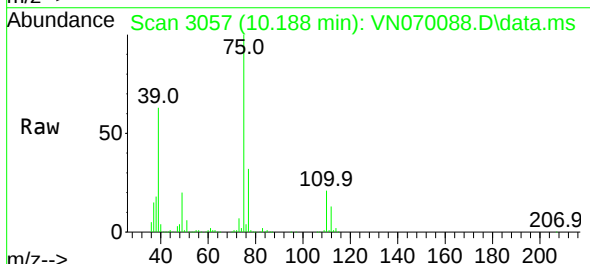
Manual Integrations
APPROVED

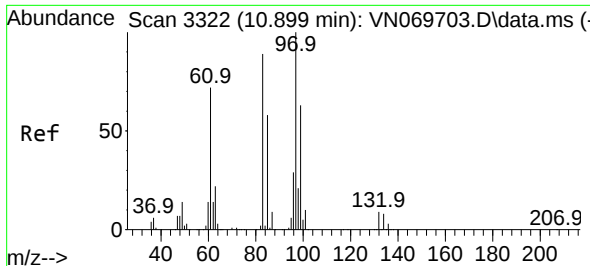
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#54
cis-1,3-Dichloropropene
Concen: 49.049 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

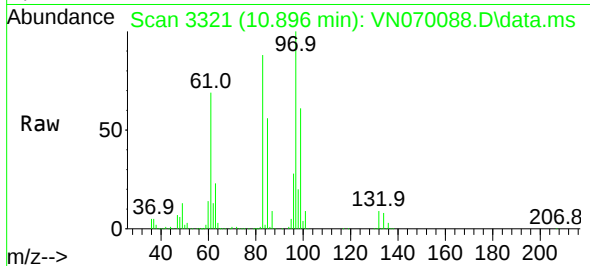
Tgt Ion: 75 Resp: 972098
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 62.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.157 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

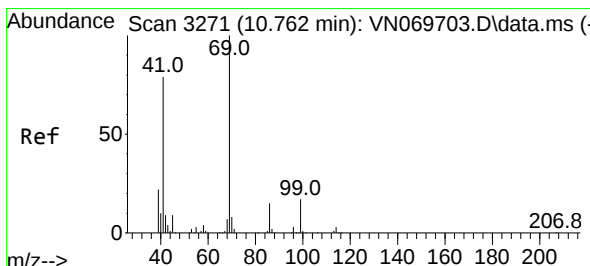
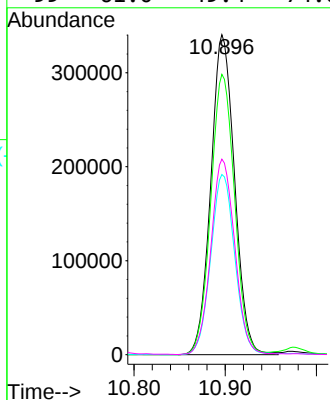
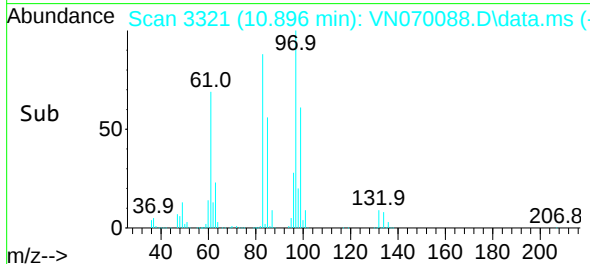
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



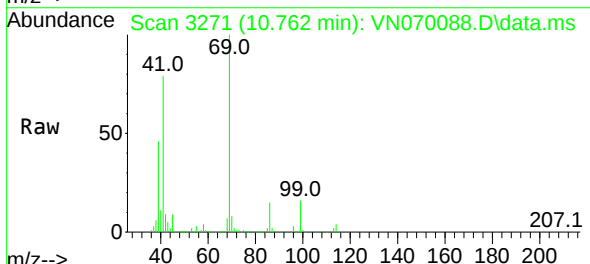
Tgt Ion: 97 Resp: 616970
Ion Ratio Lower Upper
97 100
83 87.6 67.8 101.6
85 56.3 45.4 68.2
99 61.0 49.4 74.0

Manual Integrations
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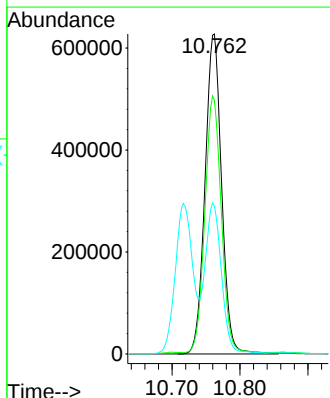
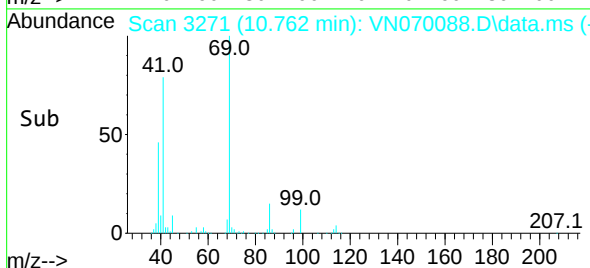
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 48.654 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



Tgt Ion: 69 Resp: 1064109
Ion Ratio Lower Upper
69 100
41 79.5 51.4 77.0#
39 45.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 53.832 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 110015

Ion Ratio Lower Upper

76 100

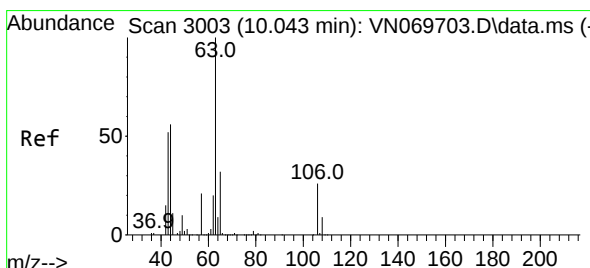
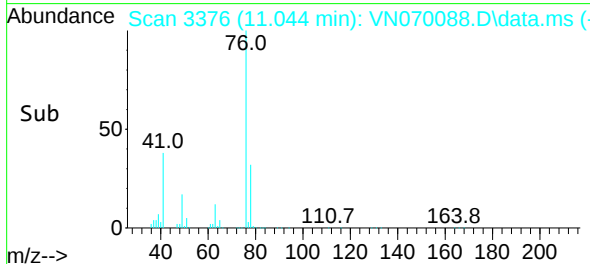
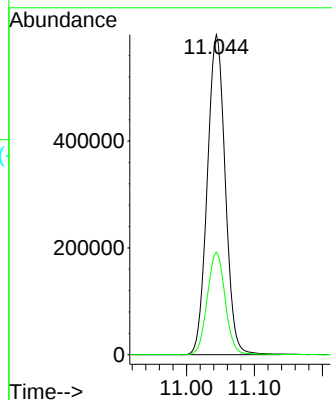
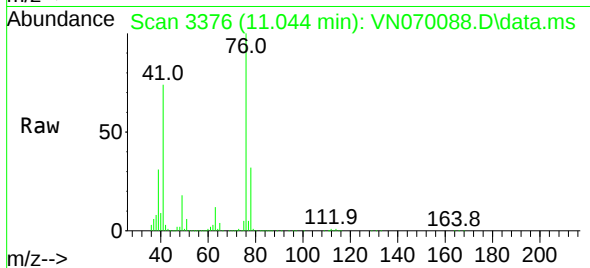
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 224.482 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070088.D

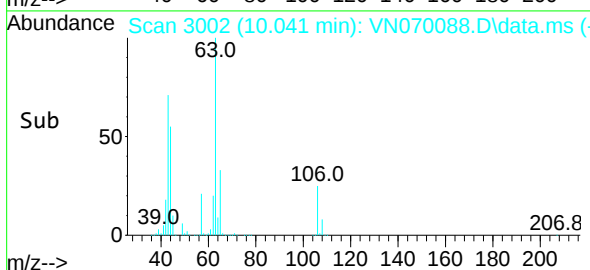
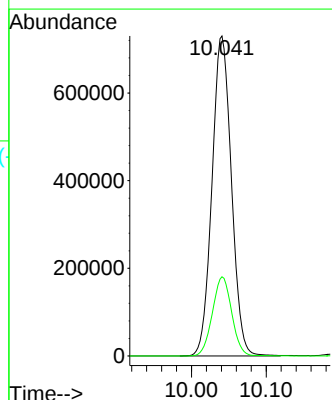
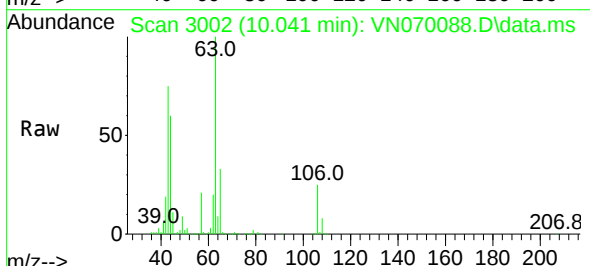
Acq: 14 Dec 2021 23:04

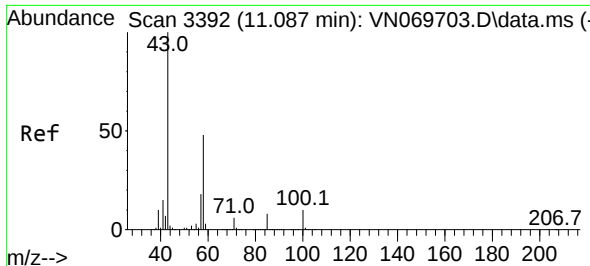
Tgt Ion: 63 Resp: 1315603

Ion Ratio Lower Upper

63 100

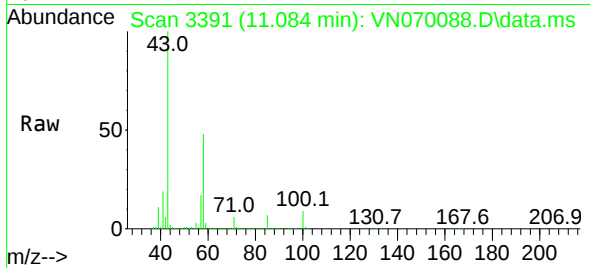
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 260.543 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

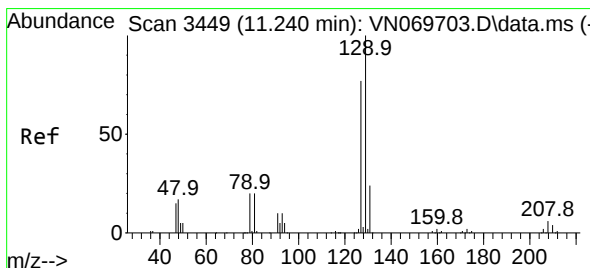
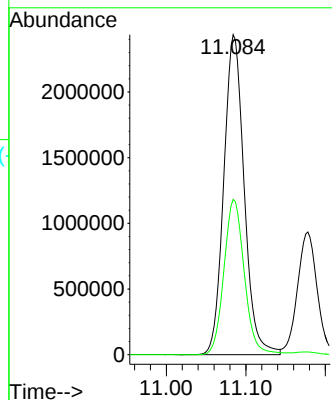
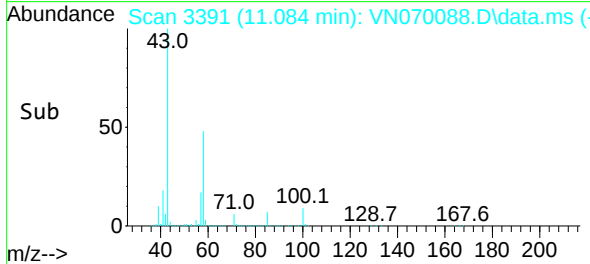
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 434113
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

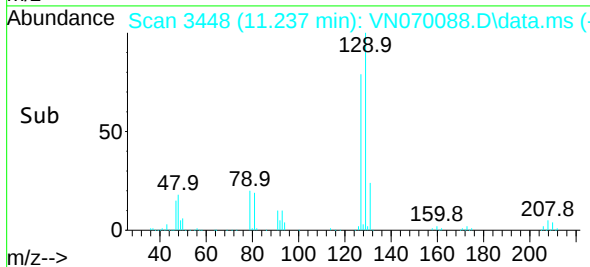
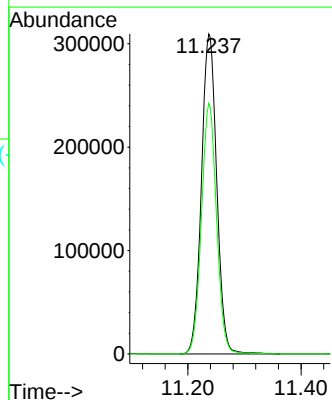
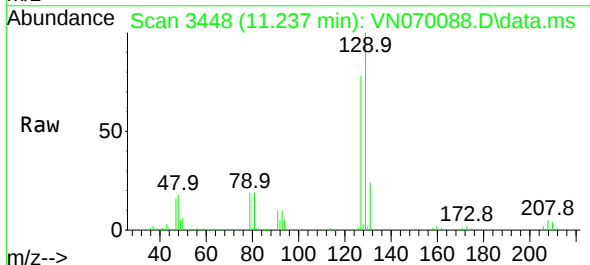
Manual Integrations
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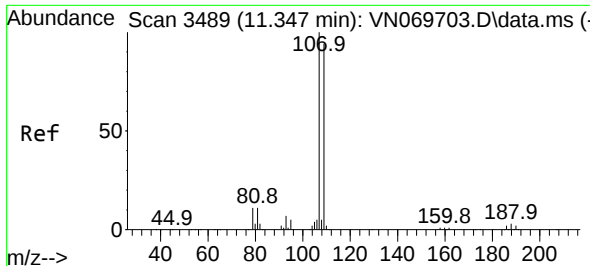
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 46.756 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

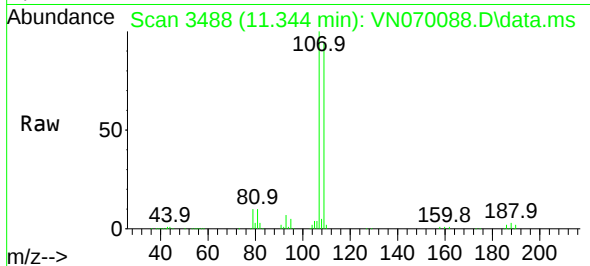
Tgt Ion:129 Resp: 579444
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.562 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

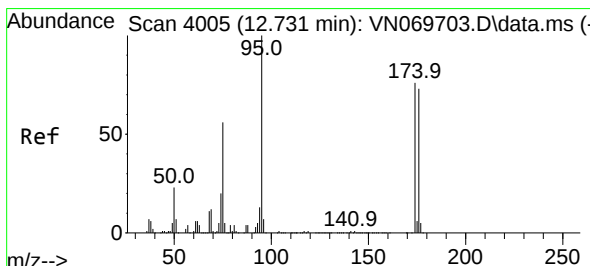
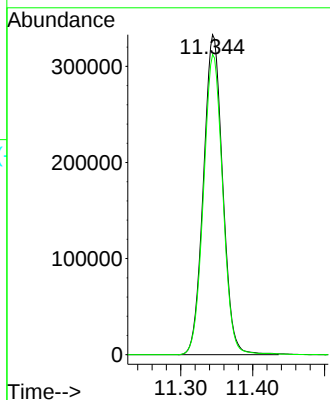
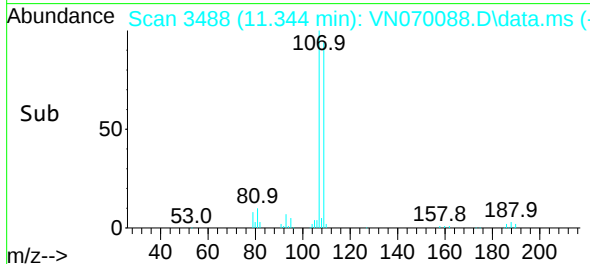
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 61986
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

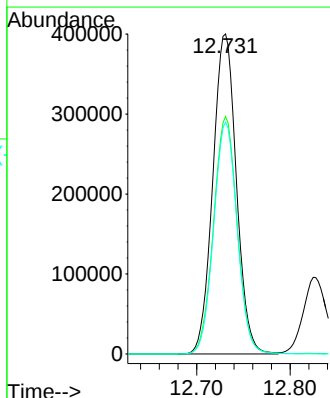
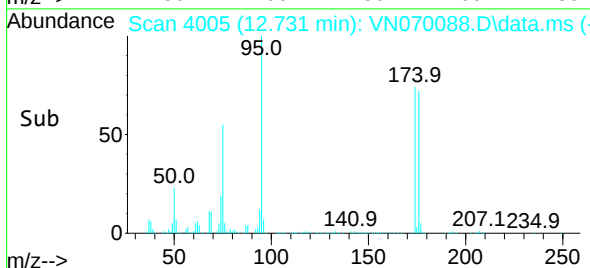
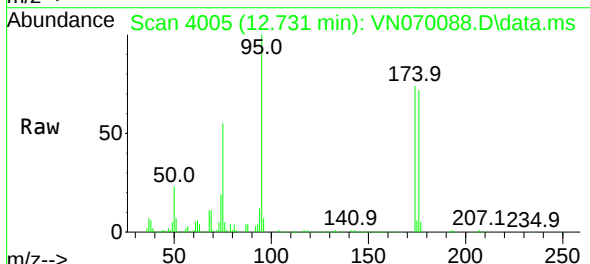
Manual Integrations
APPROVED

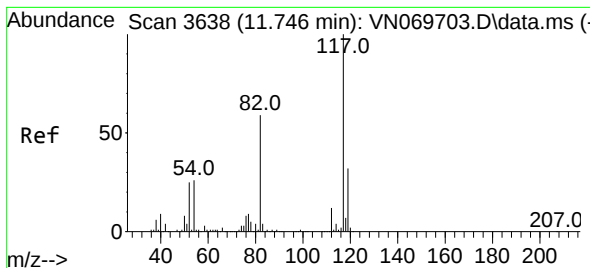
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 47.534 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

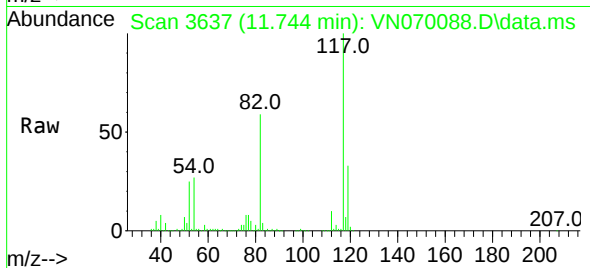
Tgt Ion: 95 Resp: 701338
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

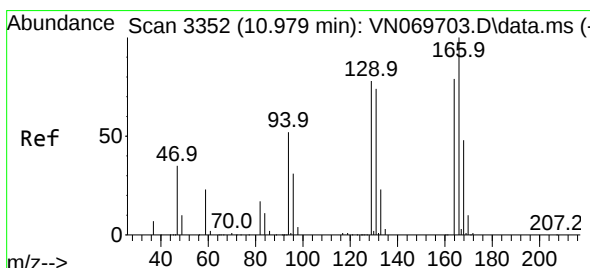
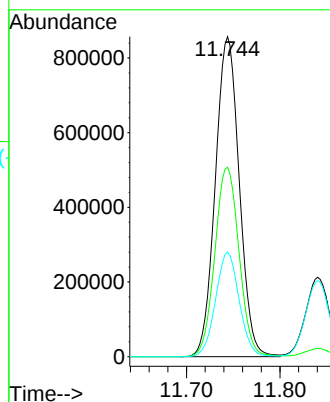
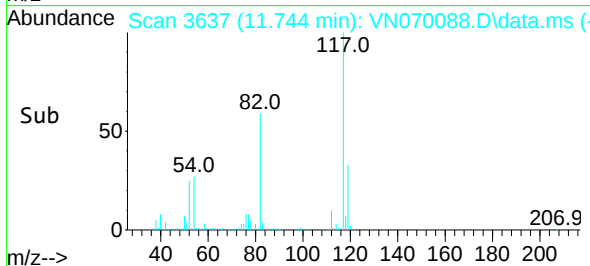
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 152735
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.7 25.4 38.2

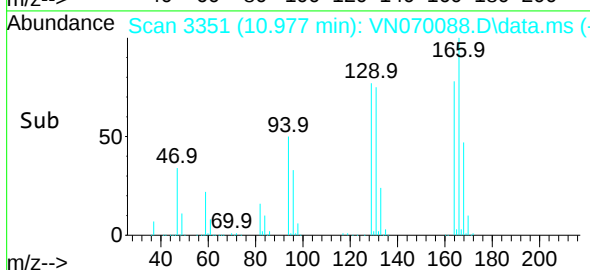
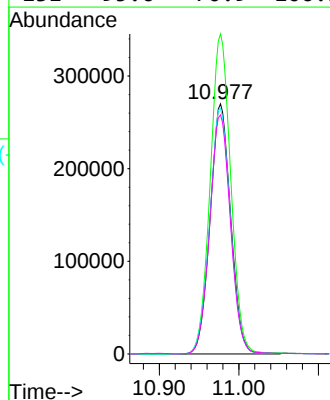
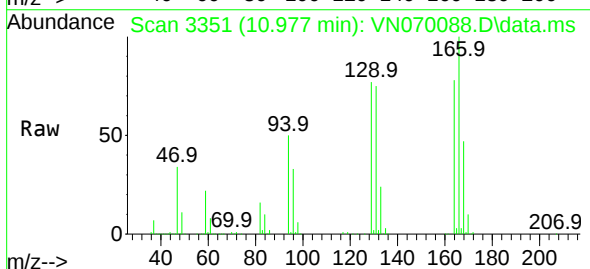
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 46.912 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

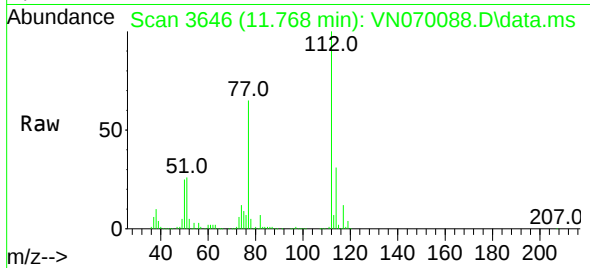
Tgt Ion:164 Resp: 485846
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 98.2 72.0 108.0
131 95.6 70.9 106.3





#65
Chlorobenzene
Concen: 51.043 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

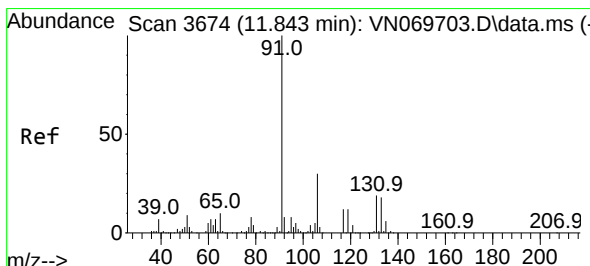
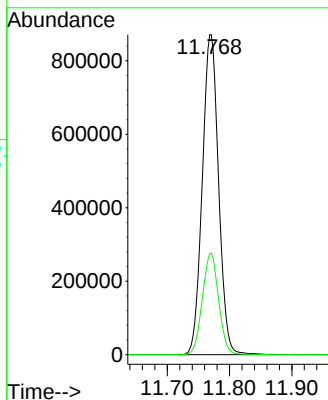
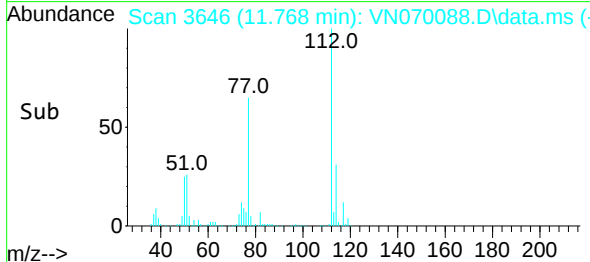
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



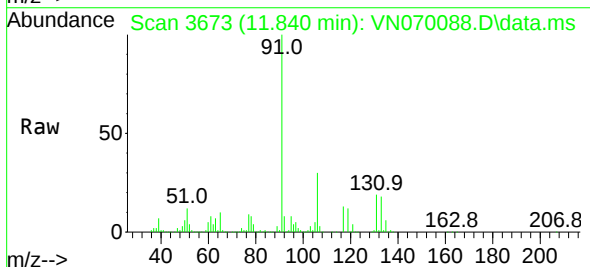
Tgt Ion:112 Resp: 1581590
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

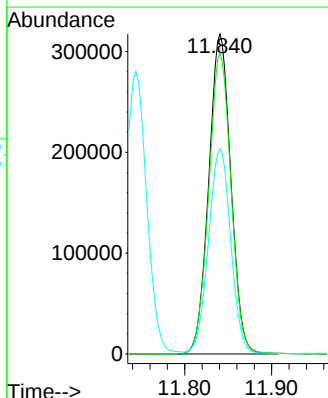
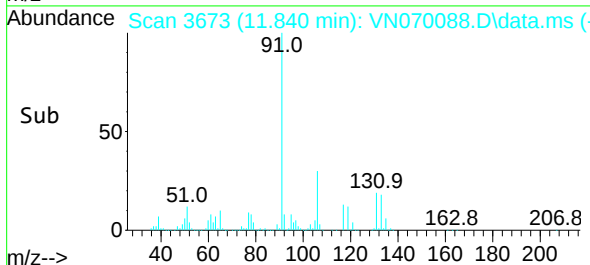
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.345 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



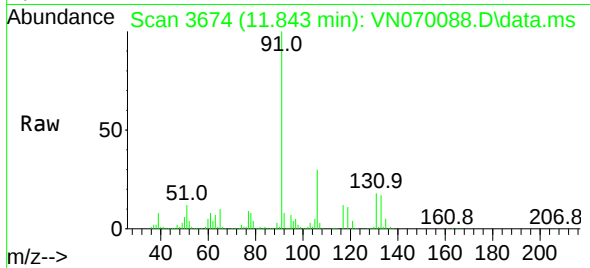
Tgt Ion:131 Resp: 559968
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 52.982 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

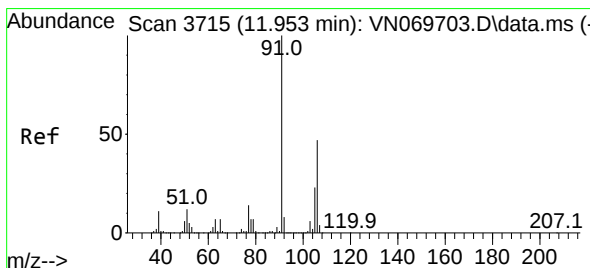
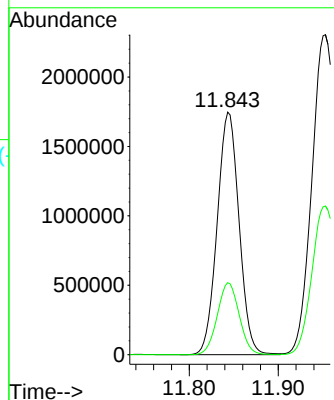
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2982040
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

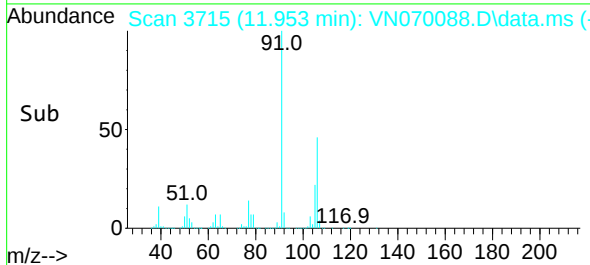
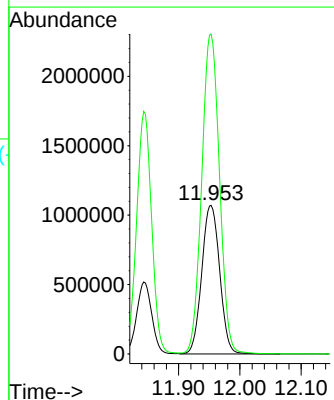
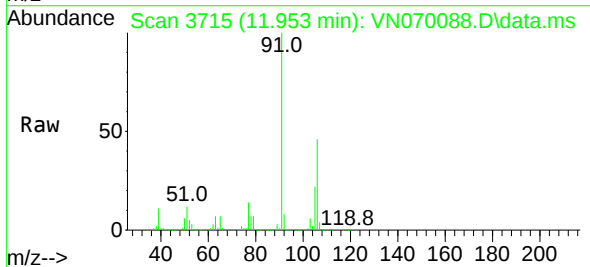
Manual Integrations
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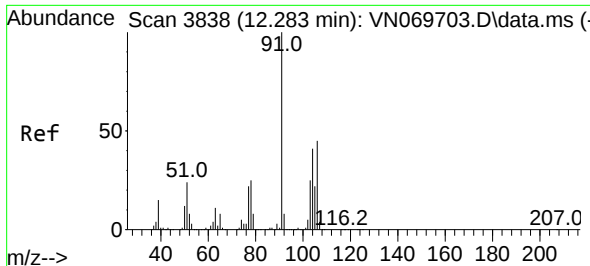
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 105.974 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion:106 Resp: 2171799
Ion Ratio Lower Upper
106 100
91 213.8 160.6 240.8





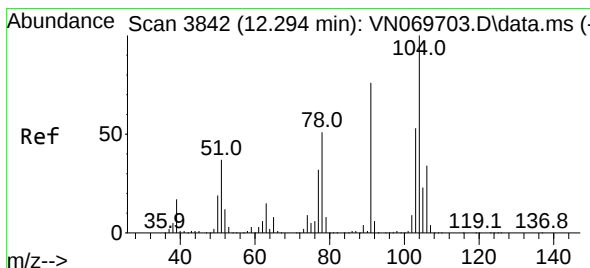
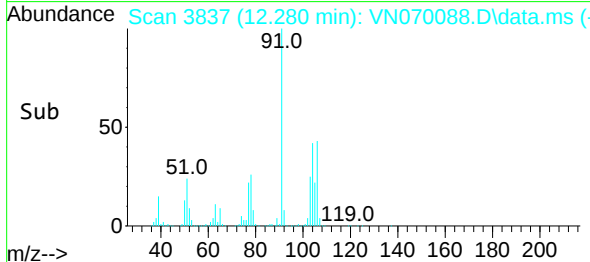
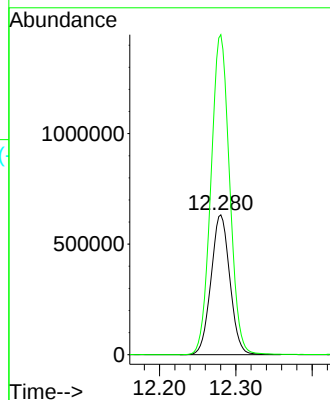
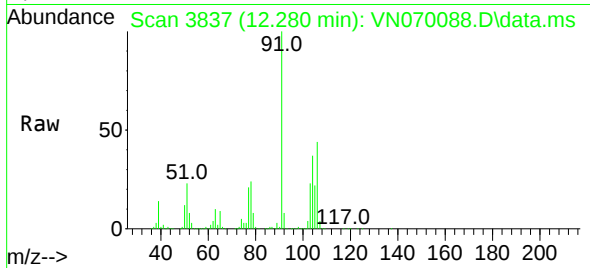
#69
o-Xylene
Concen: 52.515 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1084040
Ion Ratio Lower Upper
106 100
91 227.4 105.8 317.3

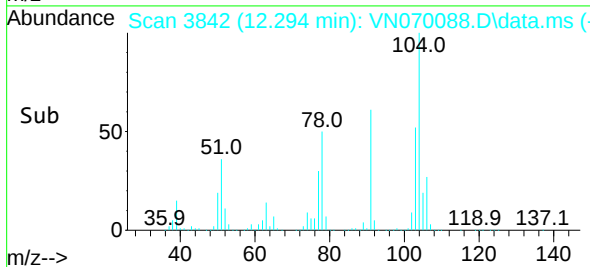
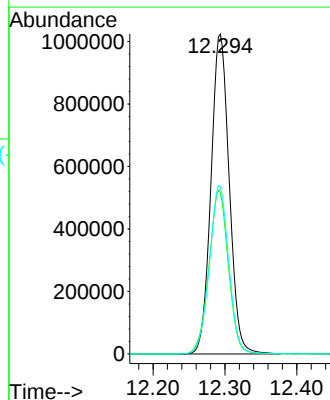
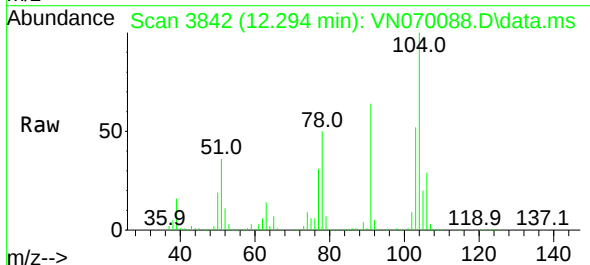
Manual Integrations
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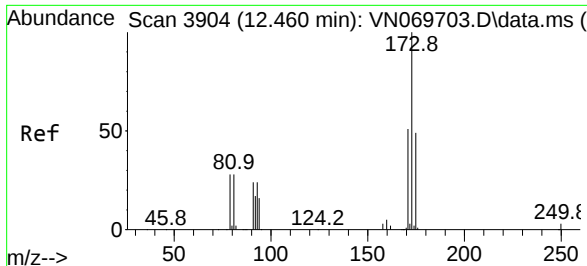
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 55.115 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion:104 Resp: 1804065
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 55.8 45.0 67.6





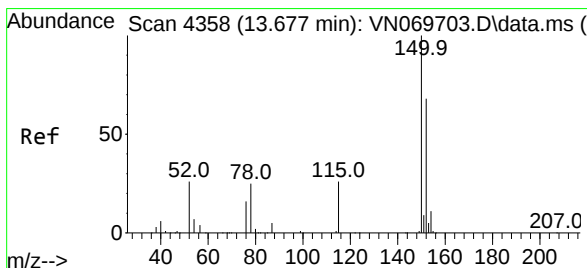
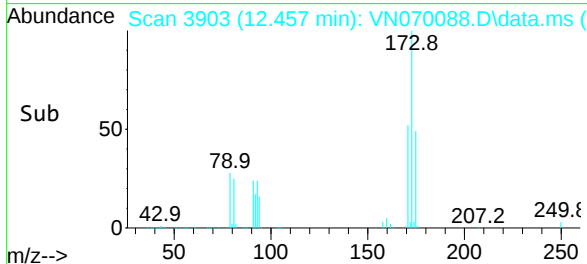
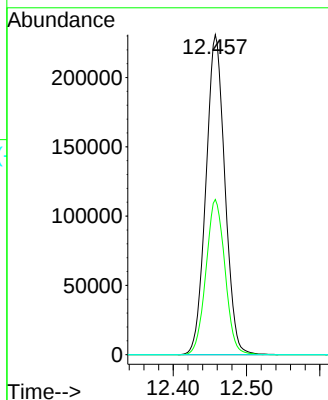
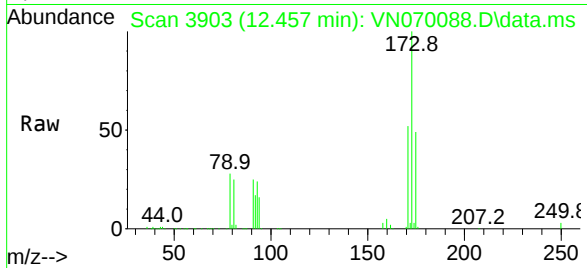
#71
Bromoform
Concen: 44.779 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 41487
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

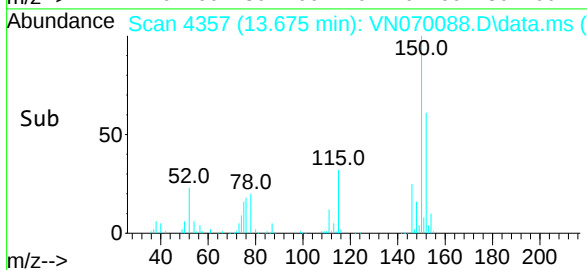
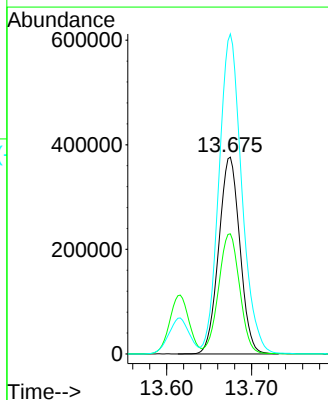
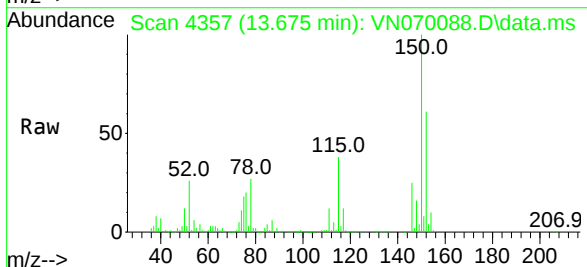
Manual Integrations
APPROVED

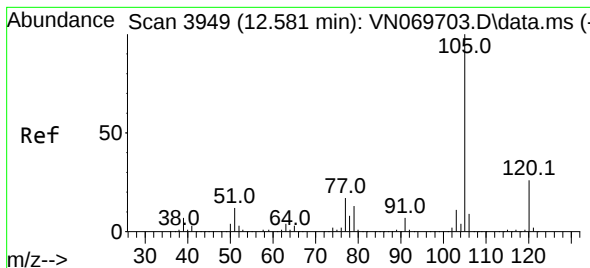
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion:152 Resp: 651192
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 175.7 0.0 344.4





#73

Isopropylbenzene

Concen: 50.027 ug/l

RT: 12.578 min Scan# 3949

Delta R.T. -0.003 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 289845

Ion Ratio Lower Upper

105 100

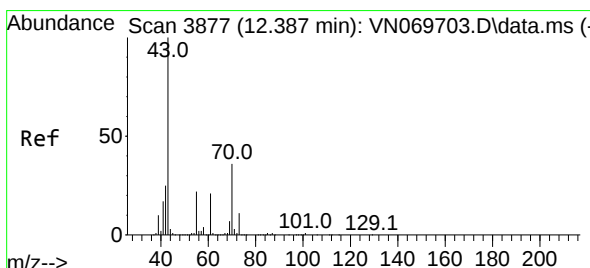
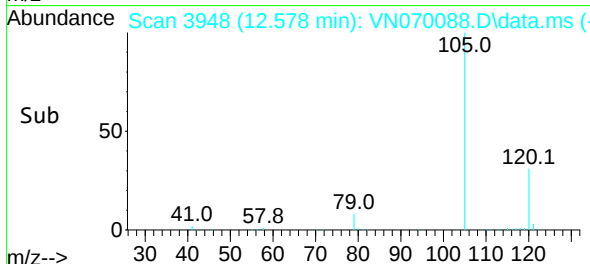
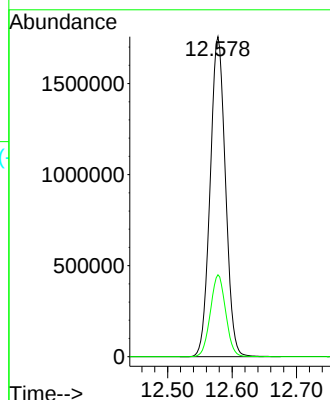
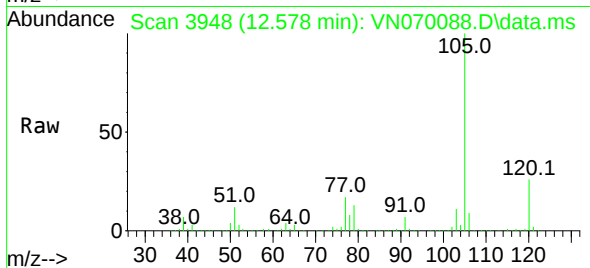
120 25.6 13.4 40.1

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#74

N-amy1 acetate

Concen: 52.686 ug/l

RT: 12.388 min Scan# 3877

Delta R.T. 0.000 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Tgt Ion: 43 Resp: 1349937

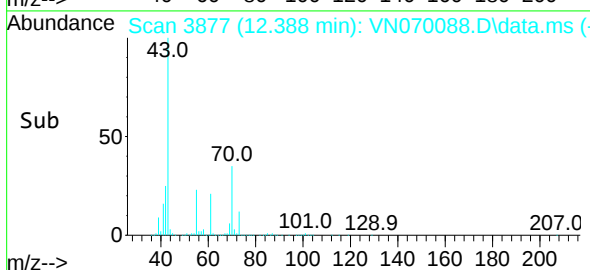
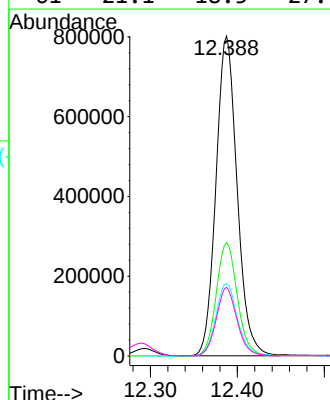
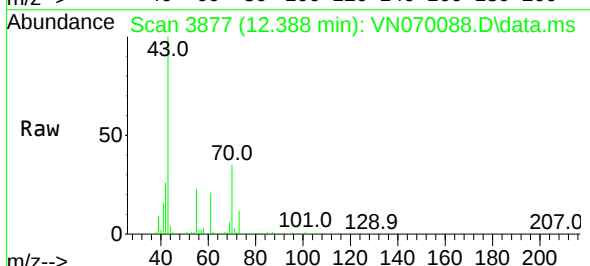
Ion Ratio Lower Upper

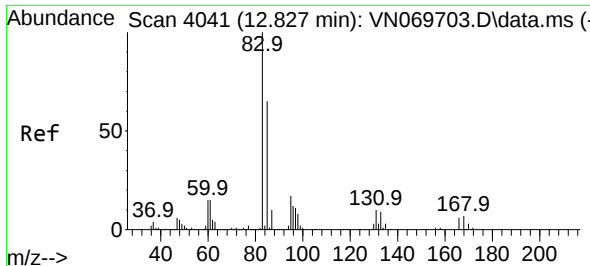
43 100

70 35.5 33.4 50.0

55 23.3 19.3 28.9

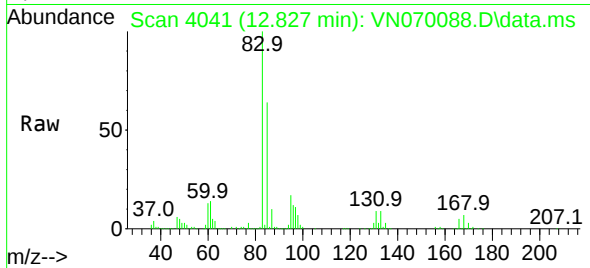
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.781 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

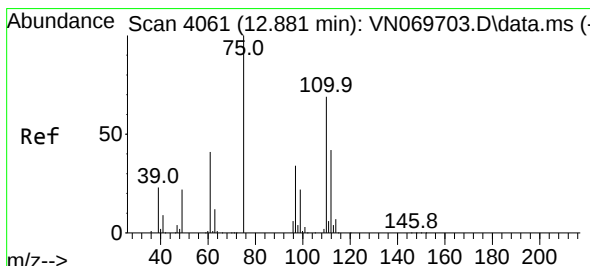
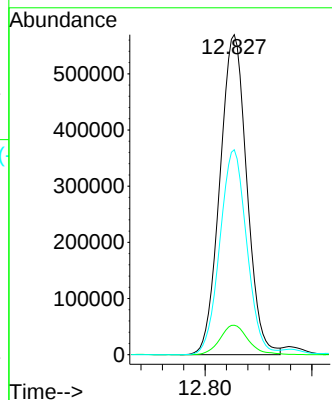
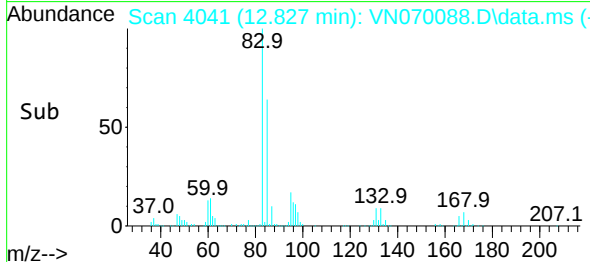
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



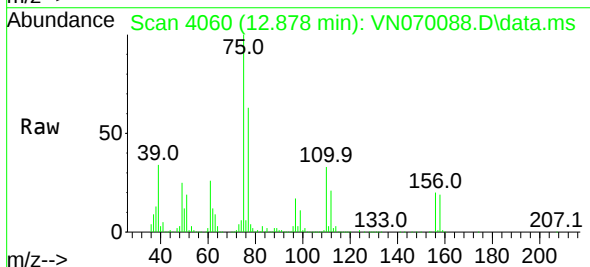
Tgt Ion: 83 Resp: 997368
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.9 32.4 97.2

Manual Integrations
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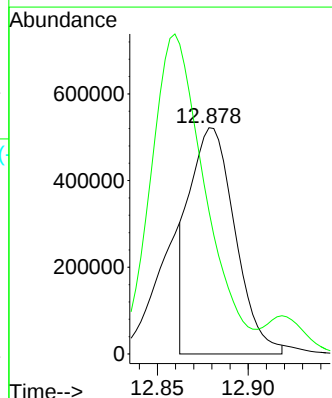
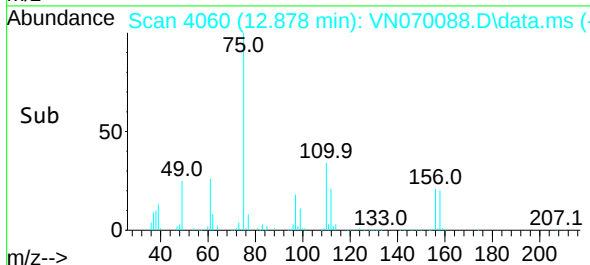
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

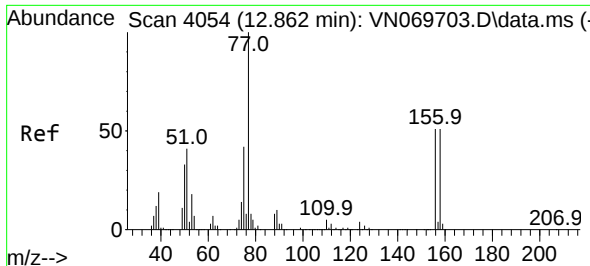


#76
1,2,3-Trichloropropane
Concen: 48.379 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



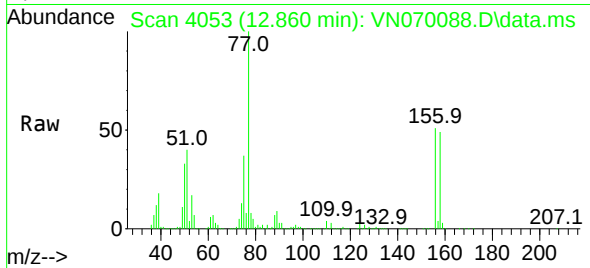
Tgt Ion: 75 Resp: 903465
Ion Ratio Lower Upper
75 100
77 170.6 82.6 247.8





#77
Bromobenzene
Concen: 48.355 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

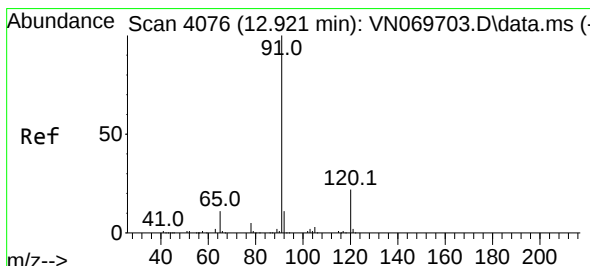
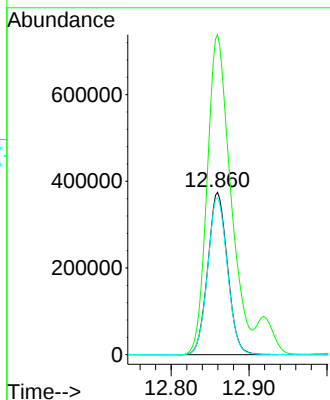
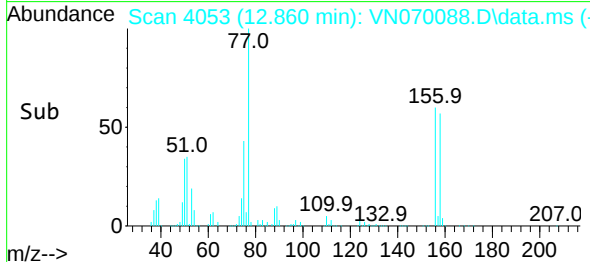
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 658052
Ion Ratio Lower Upper
156 100
77 234.2 90.6 271.8
158 97.3 48.9 146.7

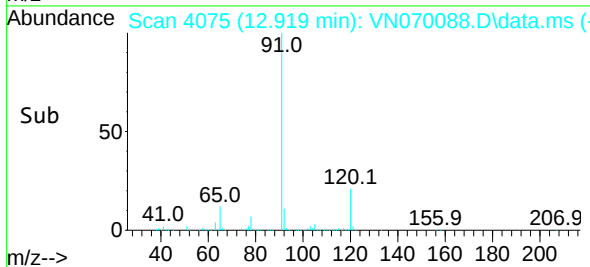
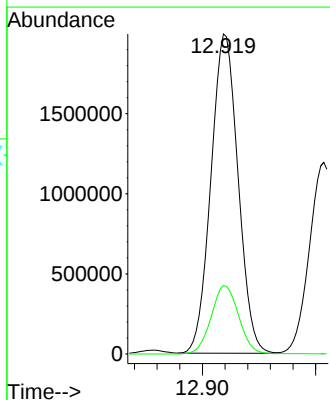
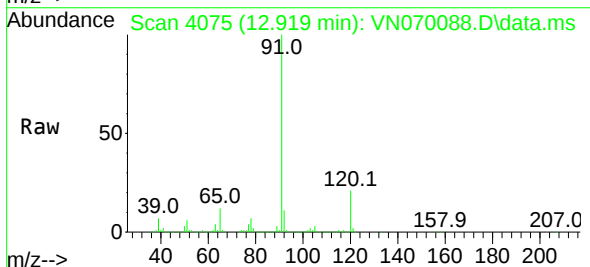
Manual Integrations
APPROVED

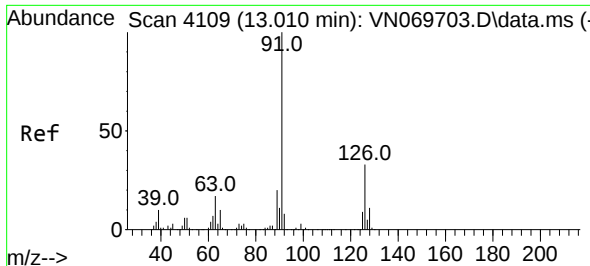
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#78
n-propylbenzene
Concen: 51.384 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion: 91 Resp: 3312802
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





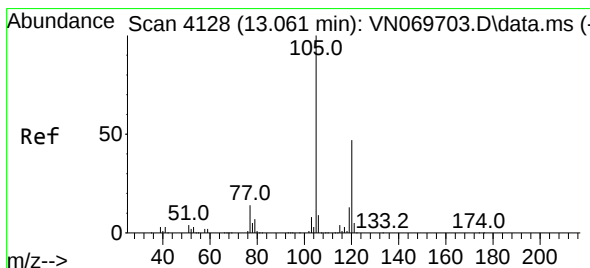
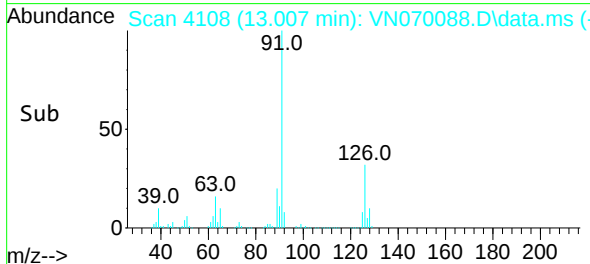
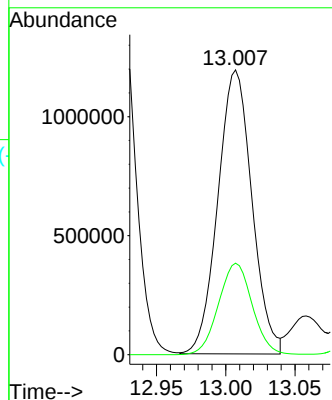
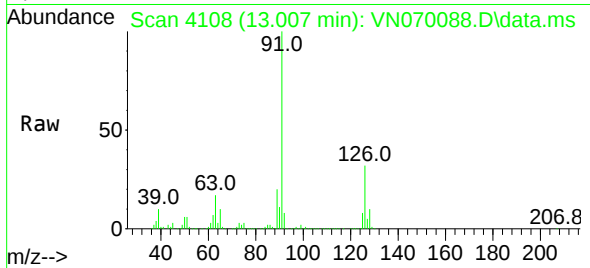
#79
2-Chlorotoluene
Concen: 50.155 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2043228
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

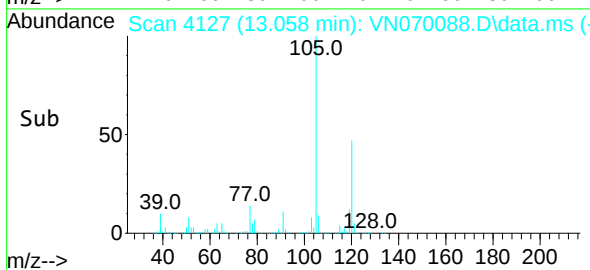
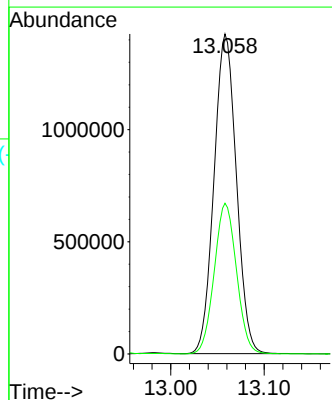
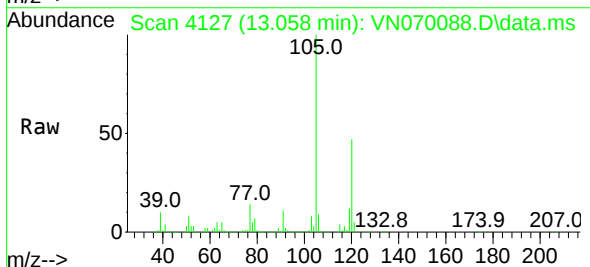
Manual Integrations
APPROVED

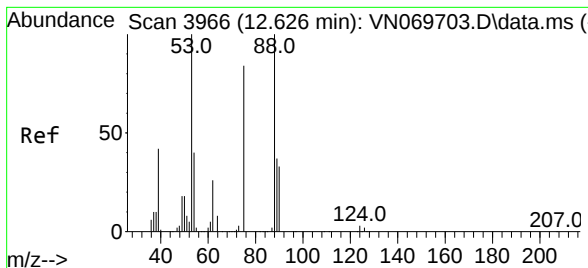
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.787 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

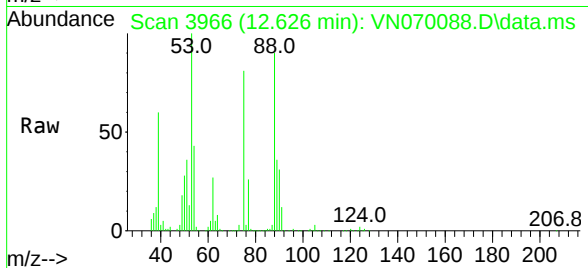
Tgt Ion:105 Resp: 2368367
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 43.998 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

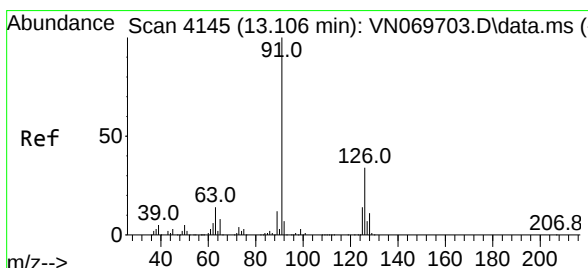
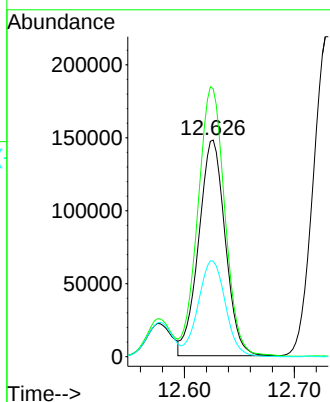
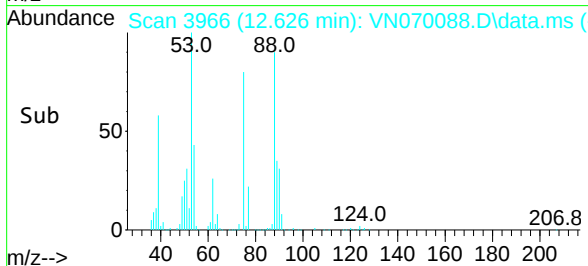
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



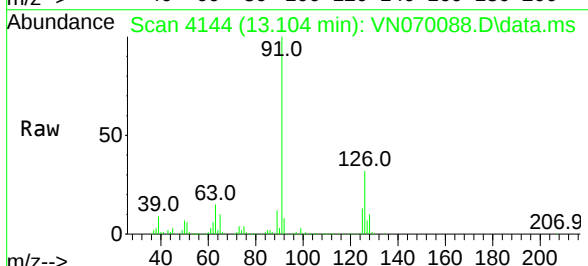
Tgt Ion: 75 Resp: 248024
Ion Ratio Lower Upper
75 100
53 127.3 90.5 135.7
89 45.8 38.2 57.4

Manual Integrations
APPROVED

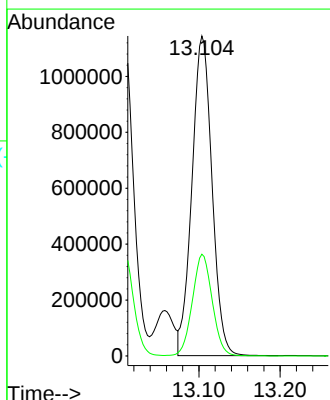
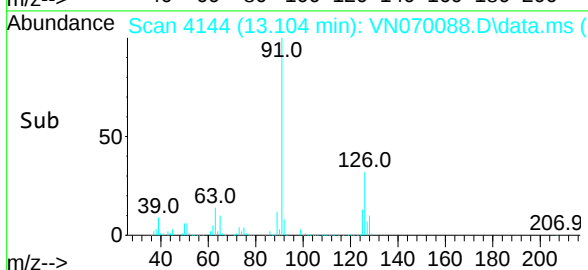
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

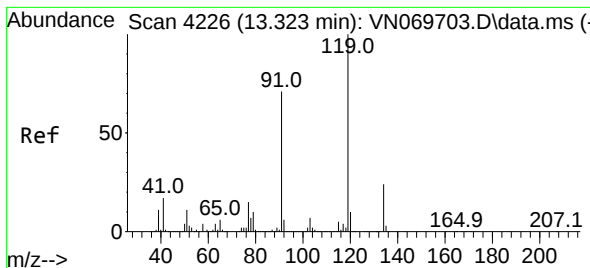


#82
4-Chlorotoluene
Concen: 51.028 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



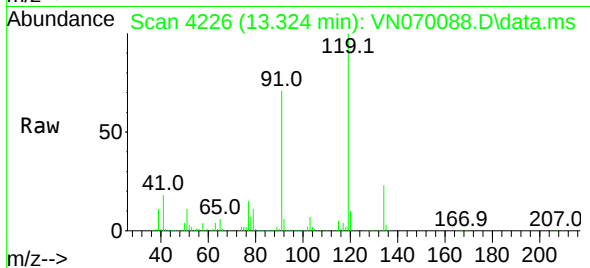
Tgt Ion: 91 Resp: 1954940
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.033 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

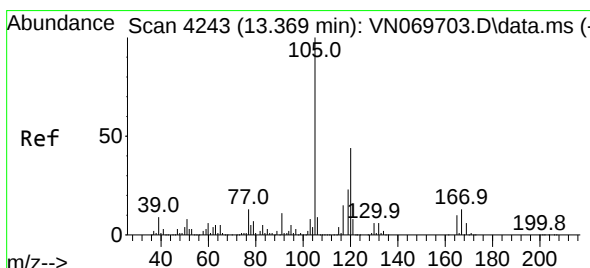
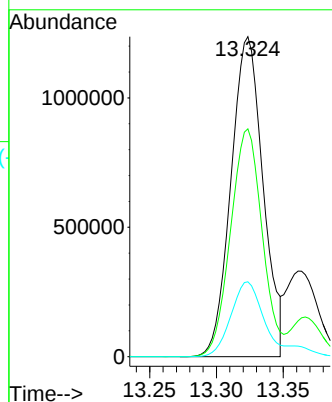
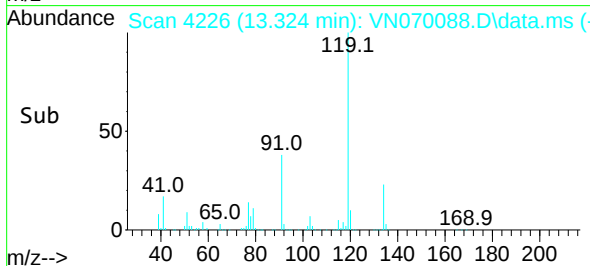
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 2065980
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 23.8 12.4 37.4

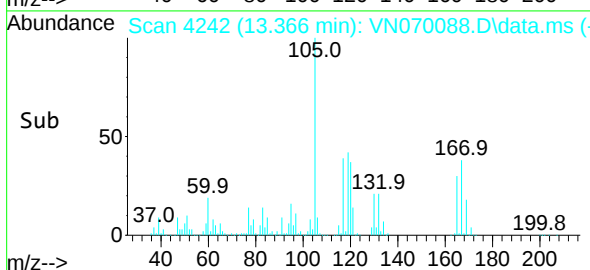
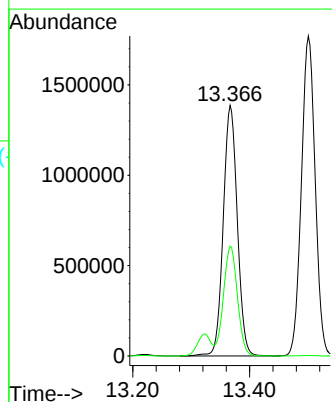
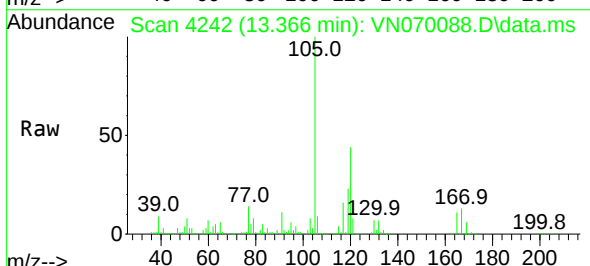
Manual Integrations
APPROVED

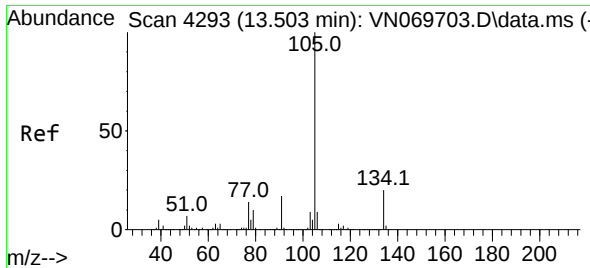
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#84
1,2,4-Trimethylbenzene
Concen: 52.185 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion:105 Resp: 2317602
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





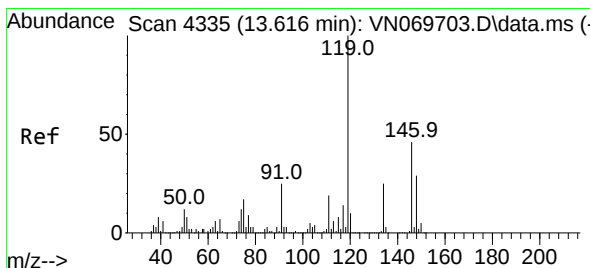
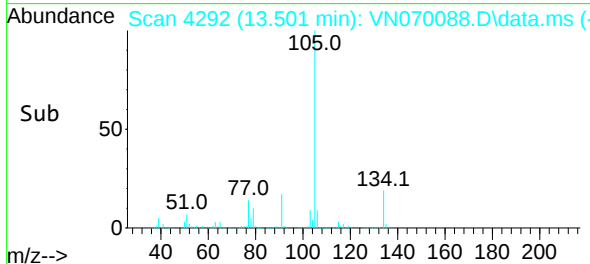
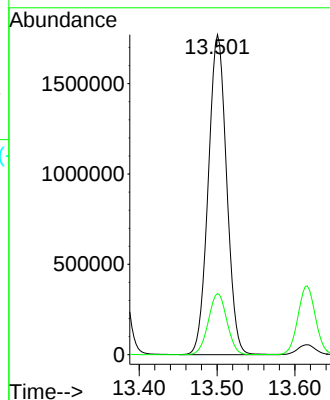
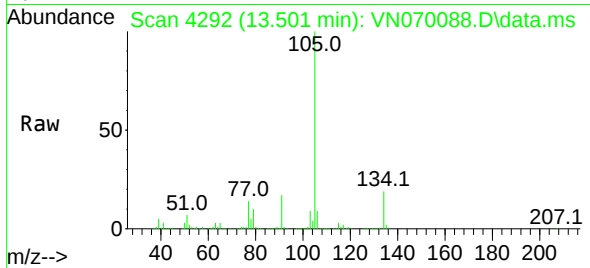
#85
 sec-Butylbenzene
 Concen: 51.744 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 289812
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

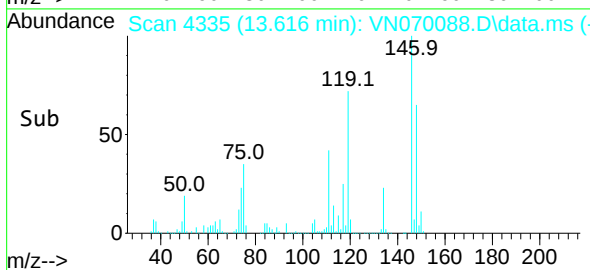
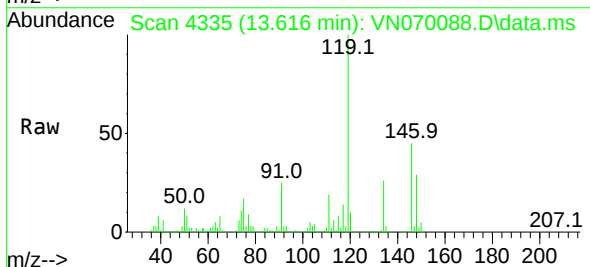
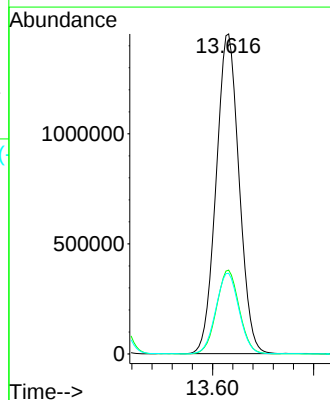
Manual Integrations
 APPROVED

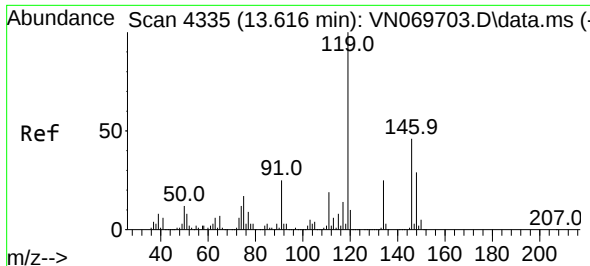
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 52.195 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070088.D
 Acq: 14 Dec 2021 23:04

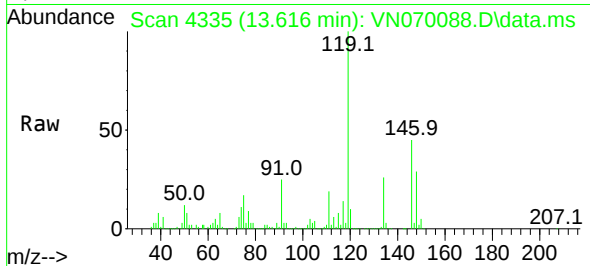
Tgt Ion:119 Resp: 2285109
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.456 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

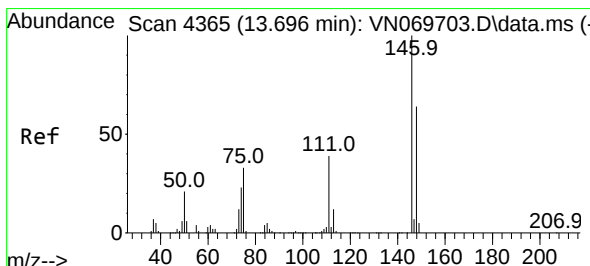
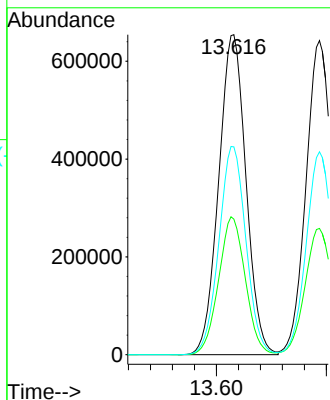
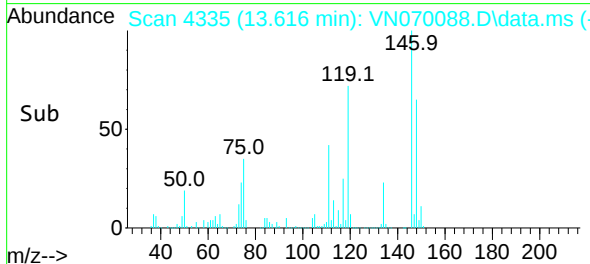
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



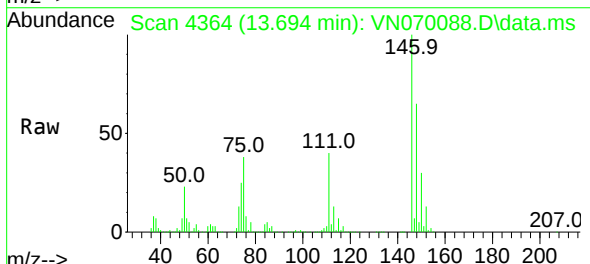
Tgt Ion:146 Resp: 1128049
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 64.6 31.6 95.0

Manual Integrations
APPROVED

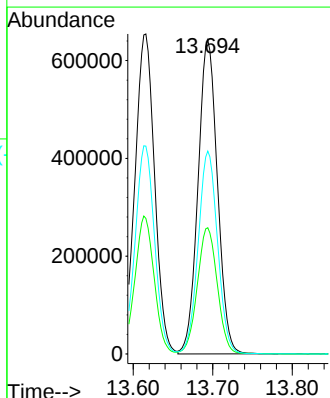
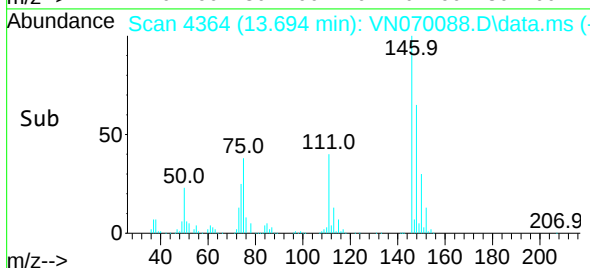
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#88
1,4-Dichlorobenzene
Concen: 49.604 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04



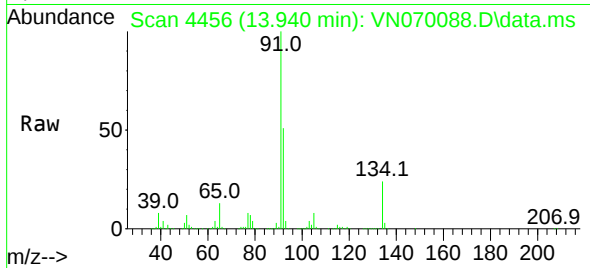
Tgt Ion:146 Resp: 1089837
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 52.712 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

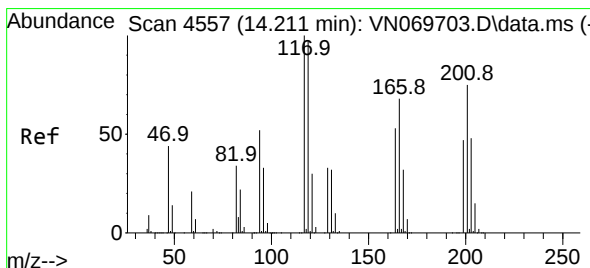
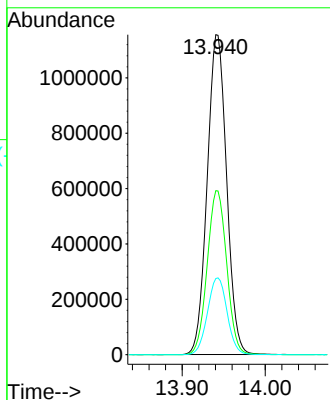
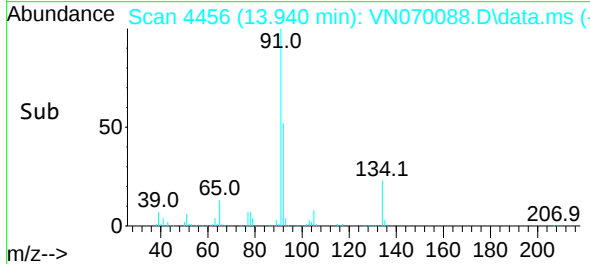
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1872018
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.3 13.6 40.8

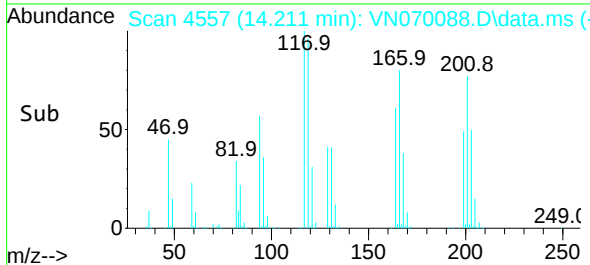
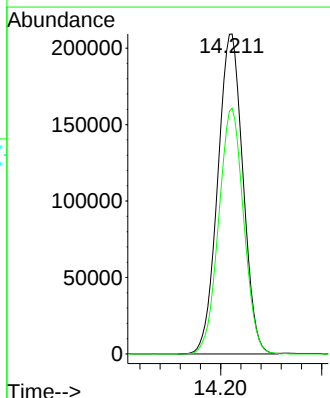
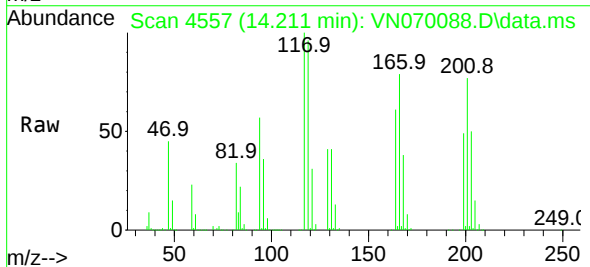
Manual Integrations
APPROVED

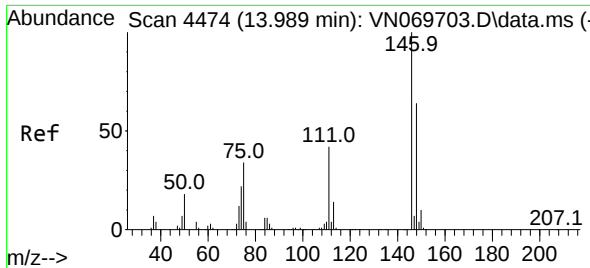
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 47.092 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

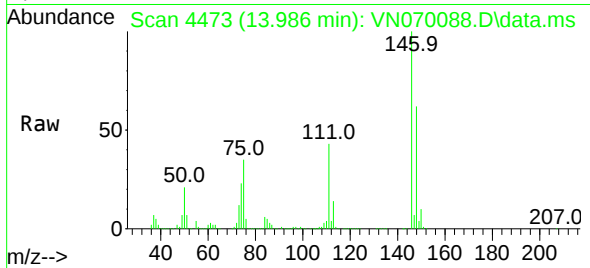
Tgt Ion:117 Resp: 361970
Ion Ratio Lower Upper
117 100
201 76.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.289 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

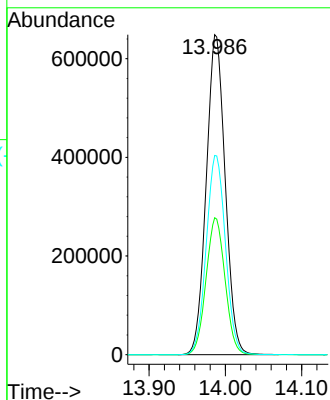
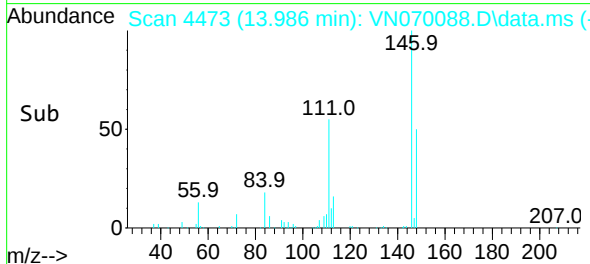
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 111725
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.3 32.1 96.3

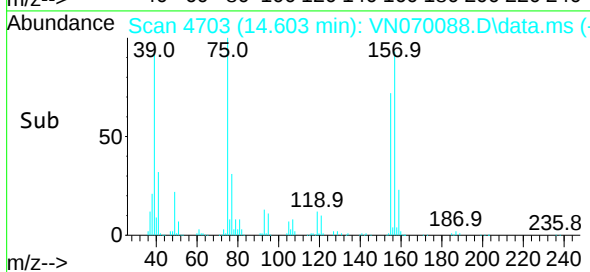
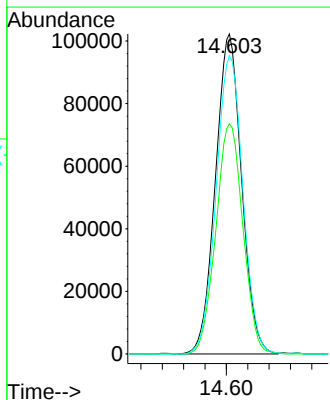
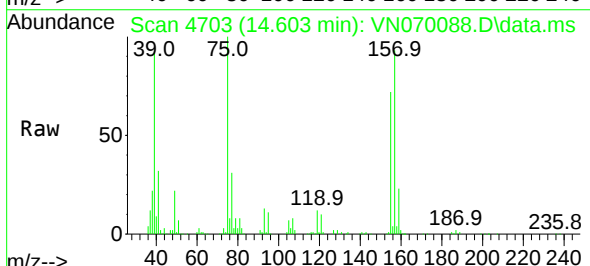
Manual Integrations
APPROVED

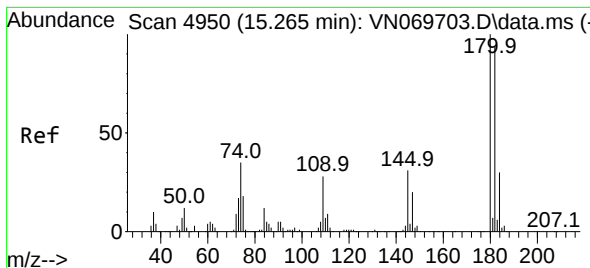
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.133 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion: 75 Resp: 174256
Ion Ratio Lower Upper
75 100
155 74.4 46.9 140.7
157 95.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 47.445 ug/l

RT: 15.263 min Scan# 4950

Delta R.T. -0.002 min

Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 505230

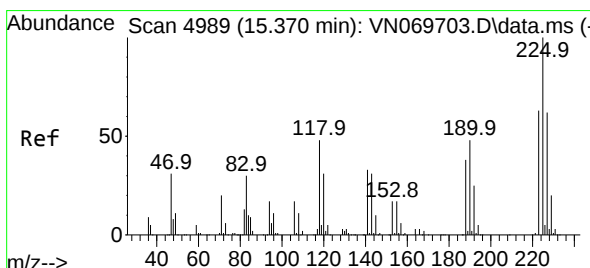
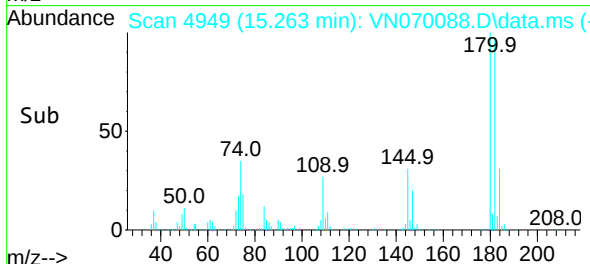
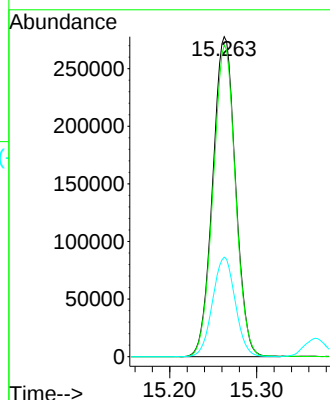
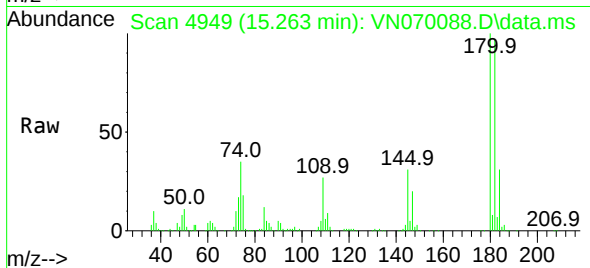
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.3	144.9
145	31.1	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#94

Hexachlorobutadiene

Concen: 51.258 ug/l

RT: 15.367 min Scan# 4988

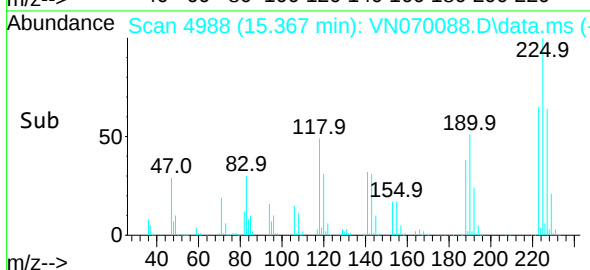
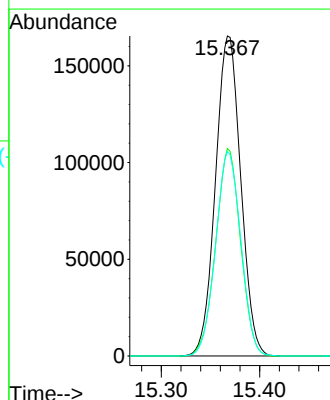
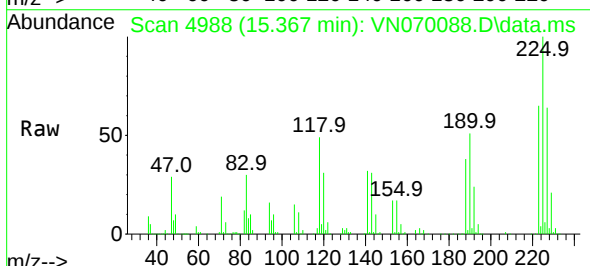
Delta R.T. -0.003 min

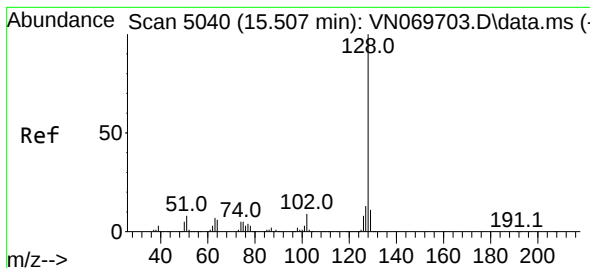
Lab File: VN070088.D

Acq: 14 Dec 2021 23:04

Tgt Ion:225 Resp: 295921

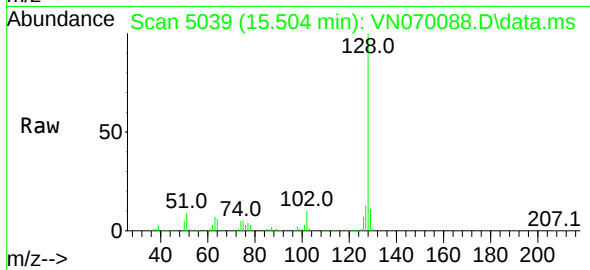
Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.7
227	63.8	32.1	96.3





#95
Naphthalene
Concen: 45.231 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

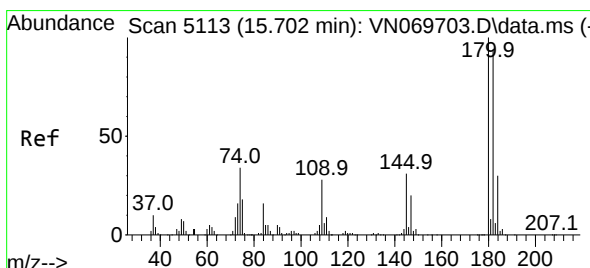
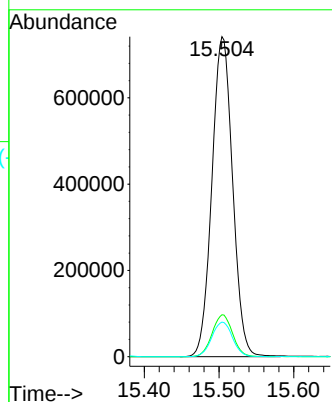
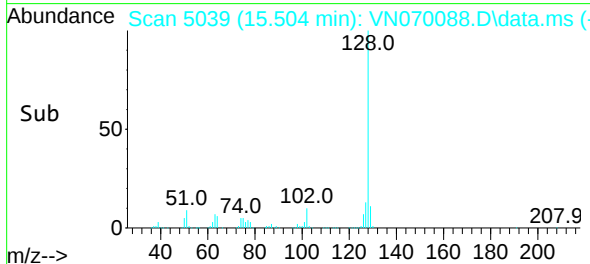
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1426274
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.670 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.005 min
Lab File: VN070088.D
Acq: 14 Dec 2021 23:04

Tgt Ion:180 Resp: 506062
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 33.1 15.0 45.1

