

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069713.D
 Acq On : 3 Dec 2021 12:35
 Operator : JC/MD
 Sample : VN1203WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:29:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1101557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1773440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1631790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	674418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	831336	48.879	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.760%		
35) Dibromofluoromethane	8.021	113	562802	50.664	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.320%		
50) Toluene-d8	10.440	98	2213043	49.615	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.240%		
62) 4-Bromofluorobenzene	12.731	95	775969	48.021	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	277122	21.569	ug/l	99
3) Chloromethane	2.303	50	320952	19.940	ug/l	99
4) Vinyl Chloride	2.448	62	297888	20.127	ug/l	100
5) Bromomethane	2.858	94	182864	22.742	ug/l	98
6) Chloroethane	3.022	64	181853	20.051	ug/l	97
7) Trichlorofluoromethane	3.379	101	394289	20.298	ug/l	98
8) Diethyl Ether	3.824	74	156518	20.921	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	230533	21.172	ug/l	96
10) Methyl Iodide	4.419	142	295362	19.856	ug/l	97
11) Tert butyl alcohol	5.371	59	278700	86.689	ug/l	99
12) 1,1-Dichloroethene	4.183	96	214137	20.408	ug/l	92
13) Acrolein	4.041	56	229409	83.793	ug/l	100
14) Allyl chloride	4.840	41	467480	19.772	ug/l	94
15) Acrylonitrile	5.554	53	811187	93.637	ug/l	99
16) Acetone	4.288	43	933609	91.252	ug/l	97
17) Carbon Disulfide	4.532	76	540230	19.929	ug/l	99
18) Methyl Acetate	4.856	43	571972	18.521	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	853929	20.930	ug/l	98
20) Methylene Chloride	5.092	84	266122	19.566	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	228014	20.007	ug/l #	83
22) Diisopropyl ether	6.498	45	978019	21.163	ug/l	97
23) Vinyl Acetate	6.433	43	3930875	104.551	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	486900	20.339	ug/l	97
25) 2-Butanone	7.337	43	1256012	90.353	ug/l	91
26) 2,2-Dichloropropane	7.327	77	375725	20.186	ug/l	96
27) cis-1,2-Dichloroethene	7.329	96	279250	20.280	ug/l	87
28) Bromochloromethane	7.656	49	242312	19.465	ug/l #	79
29) Tetrahydrofuran	7.689	42	794405	94.112	ug/l	88
30) Chloroform	7.817	83	496024	20.516	ug/l	98
31) Cyclohexane	8.094	56	488303	20.630	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	414569	20.130	ug/l	96
36) 1,1-Dichloropropene	8.222	75	358850	21.256	ug/l	96
37) Ethyl Acetate	7.412	43	488004	19.421	ug/l	94
38) Carbon Tetrachloride	8.204	117	344660	20.819	ug/l	99
39) Methylcyclohexane	9.459	83	436596	21.741	ug/l	89
40) Benzene	8.461	78	1086038	21.046	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	243675	20.658	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	443863	21.308	ug/l	96
43) Isopropyl Acetate	8.560	43	760543	20.453	ug/l #	94
44) Trichloroethene	9.215	130	261508	21.232	ug/l	89
45) 1,2-Dichloropropane	9.491	63	293820	21.203	ug/l	99
46) Dibromomethane	9.577	93	192882	21.223	ug/l	93
47) Bromodichloromethane	9.762	83	365748	21.256	ug/l	99
48) Methyl methacrylate	9.561	41	375814	21.657	ug/l #	81
49) 1,4-Dioxane	9.569	88	117741	378.138	ug/l #	89
51) 4-Methyl-2-Pentanone	10.330	43	2426922	100.607	ug/l	95
52) Toluene	10.505	92	671244	21.306	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	377080	19.994	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	419574	20.541	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	264274	20.790	ug/l	97
56) Ethyl methacrylate	10.762	69	439801	19.780	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	474495	21.199	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.041	63	485072	87.772	ug/l	92
59) 2-Hexanone	11.087	43	1729237	94.762	ug/l	93
60) Dibromochloromethane	11.237	129	252894	20.062	ug/l	100
61) 1,2-Dibromoethane	11.344	107	276020	20.964	ug/l	98
64) Tetrachloroethene	10.977	164	242412	21.909	ug/l	95
65) Chlorobenzene	11.771	112	694956	20.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	246643	21.168	ug/l	100
67) Ethyl Benzene	11.846	91	1309792	21.782	ug/l	96
68) m/p-Xylenes	11.953	106	958356	43.771	ug/l	93
69) o-Xylene	12.280	106	476496	21.606	ug/l	93
70) Styrene	12.294	104	755319	21.598	ug/l	96
71) Bromoform	12.460	173	175895	19.417	ug/l #	100
73) Isopropylbenzene	12.578	105	1236537	20.607	ug/l	98
74) N-amyl acetate	12.390	43	505943	19.066	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	417630	20.127	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	359847m	18.606	ug/l	
77) Bromobenzene	12.862	156	284536	20.188	ug/l	79
78) n-propylbenzene	12.921	91	1398751	20.948	ug/l	96
79) 2-Chlorotoluene	13.007	91	862568	20.444	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	1014873	21.013	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	96149	19.010	ug/l	88
82) 4-Chlorotoluene	13.106	91	818237	20.622	ug/l	94
83) tert-Butylbenzene	13.323	119	884992	20.694	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	988505	21.491	ug/l	99
85) sec-Butylbenzene	13.503	105	1210936	20.876	ug/l	97
86) p-Isopropyltoluene	13.616	119	965512	21.294	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	486587	21.015	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	464793	20.426	ug/l	96
89) n-Butylbenzene	13.943	91	752530	20.460	ug/l	98
90) Hexachloroethane	14.211	117	156747	19.690	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	469409	20.807	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	71138	18.973	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	202918	20.161	ug/l	97
94) Hexachlorobutadiene	15.370	225	126527	21.162	ug/l	99
95) Naphthalene	15.507	128	512623	18.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	194652	19.607	ug/l	98

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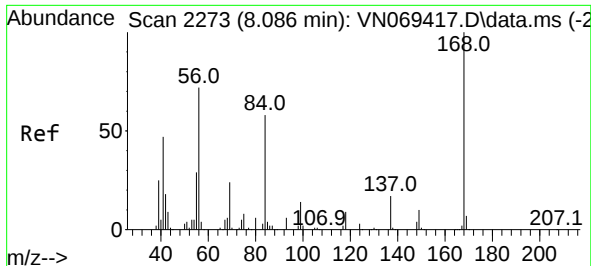
Manual Integrations
APPROVED

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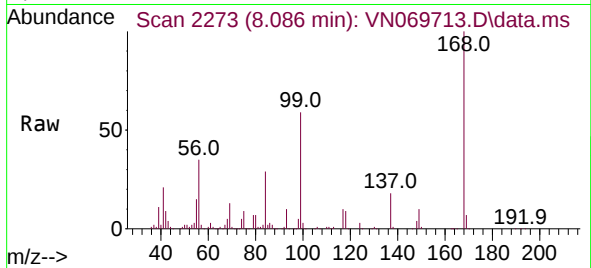
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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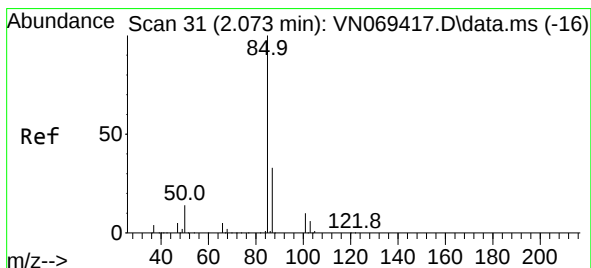
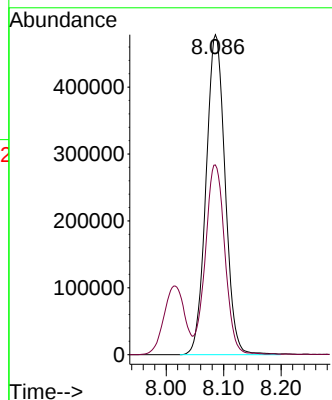
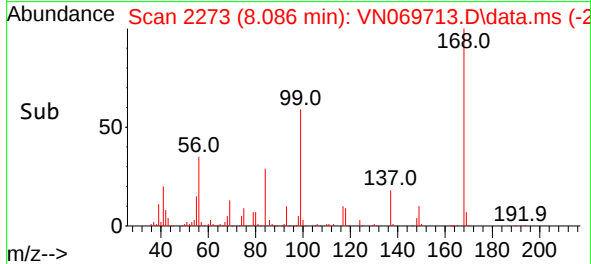
Instrument :
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VN1203WBSD01



Tgt Ion:168 Resp: 110155
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

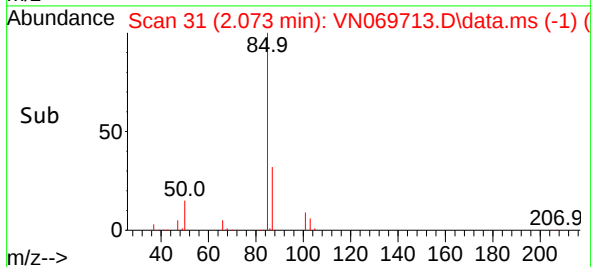
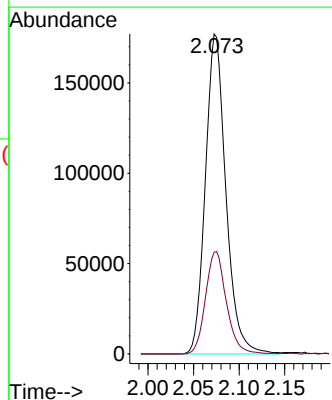
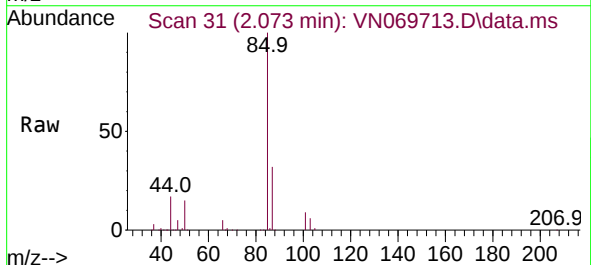
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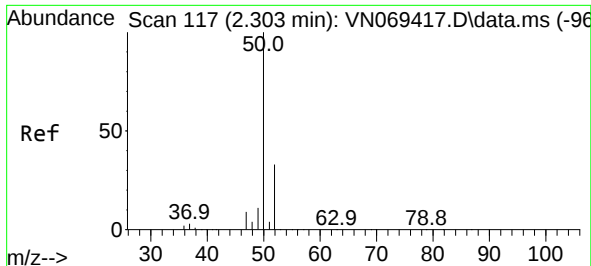
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 21.569 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion: 85 Resp: 277122
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9





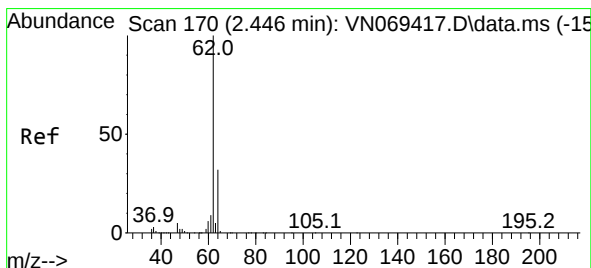
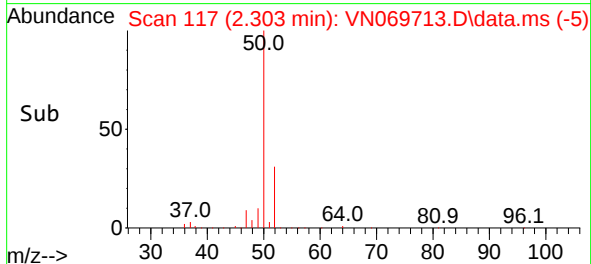
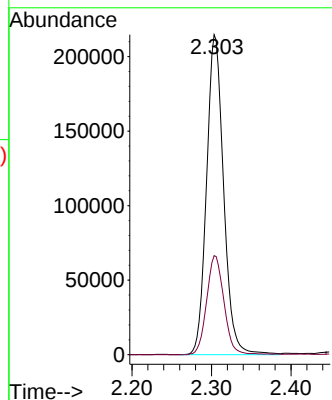
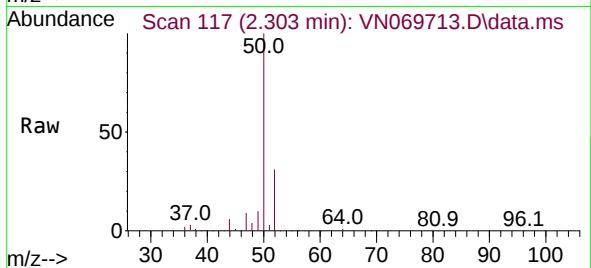
#3
Chloromethane
Concen: 19.940 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069713.D
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Tgt Ion: 50 Resp: 320952
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.0

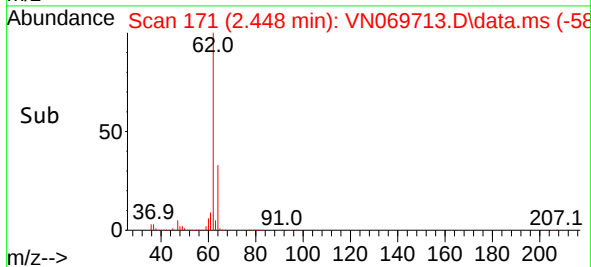
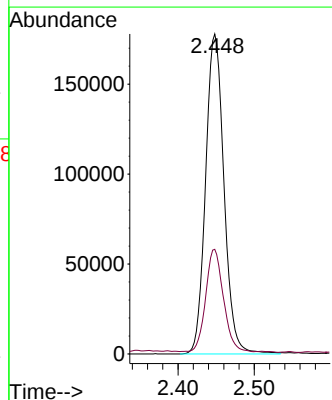
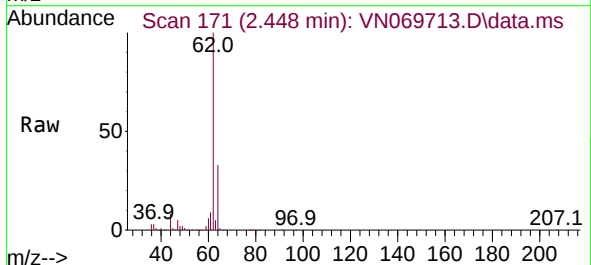
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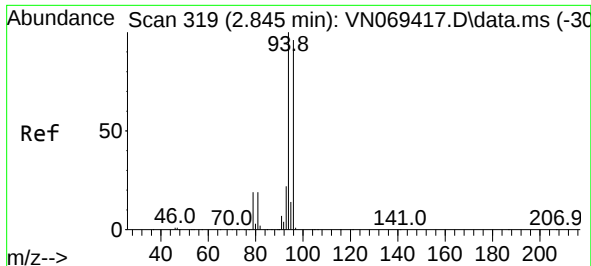
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 20.127 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

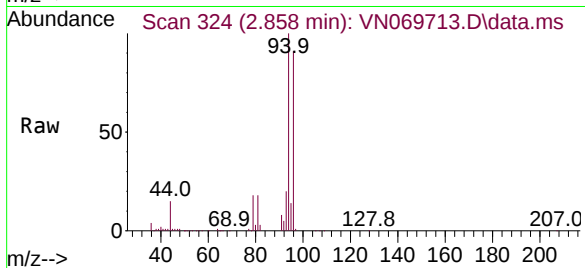
Tgt Ion: 62 Resp: 297888
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 22.742 ug/l
RT: 2.858 min Scan# 319
Delta R.T. 0.021 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

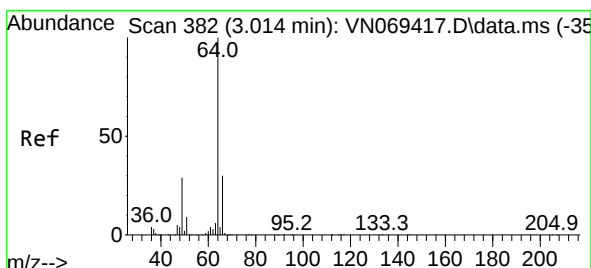
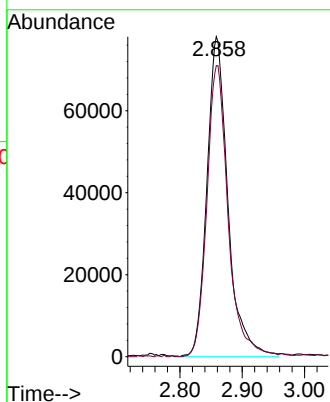
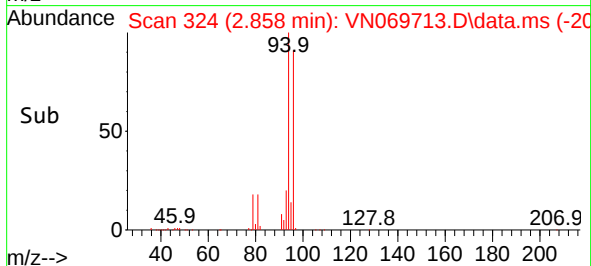
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Tgt Ion: 94 Resp: 182864
Ion Ratio Lower Upper
94 100
96 90.7 73.8 110.8

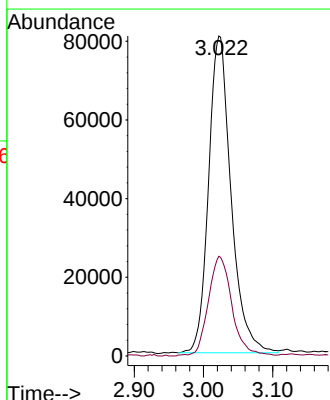
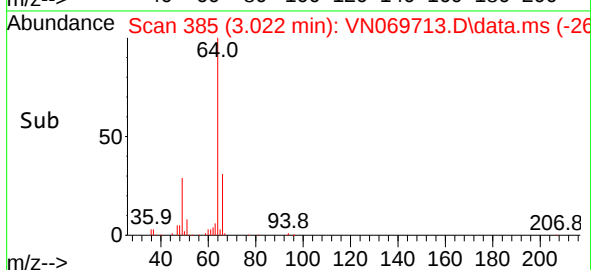
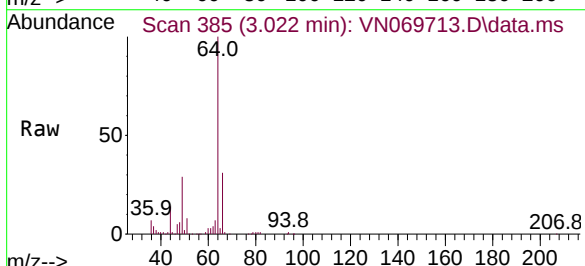
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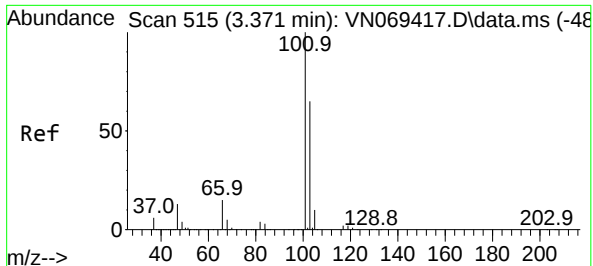
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 20.051 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.013 min
Lab File: VN069713.D
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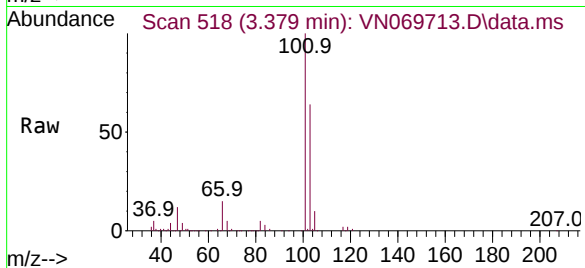
Tgt Ion: 64 Resp: 181853
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 20.298 ug/l
 RT: 3.379 min Scan# 515
 Delta R.T. 0.011 min
 Lab File: VN069713.D
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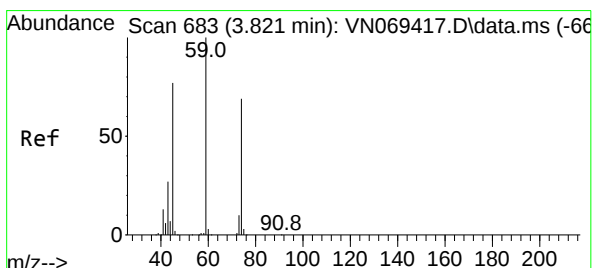
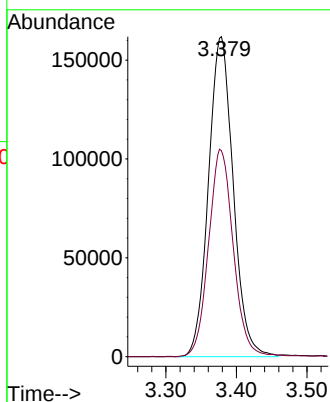
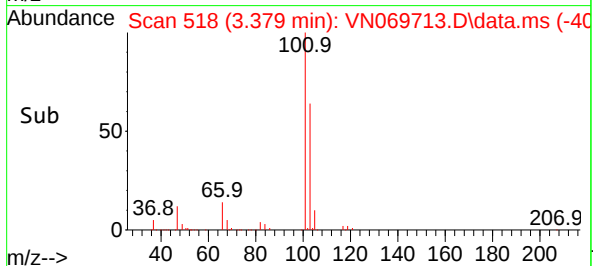
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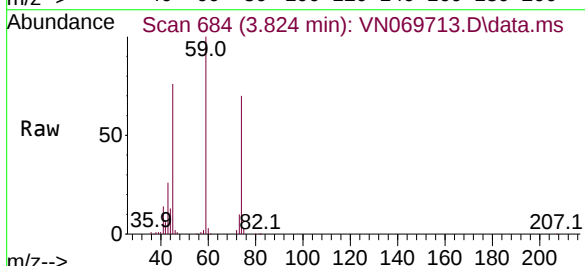
Tgt Ion:101 Resp: 394289
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

Manual Integrations
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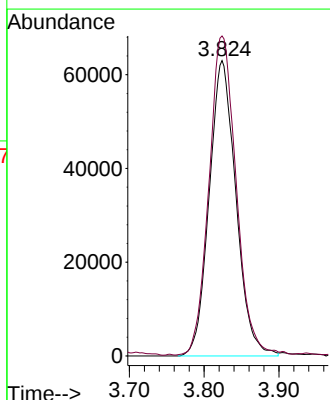
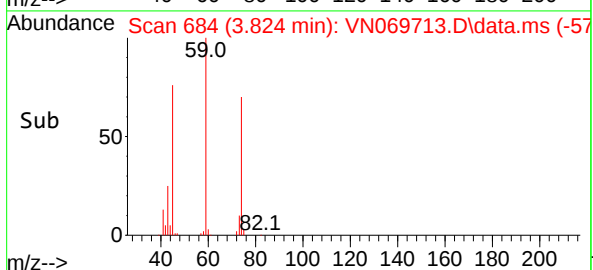
Reviewed By :John Carlone 12/04/2021
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#8
 Diethyl Ether
 Concen: 20.921 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 156518
 Ion Ratio Lower Upper
 74 100
 45 109.7 47.0 141.2





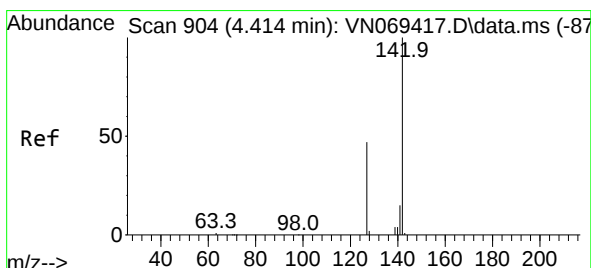
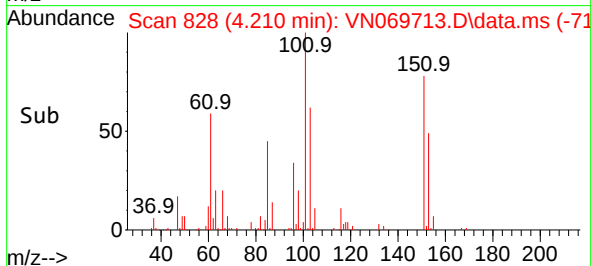
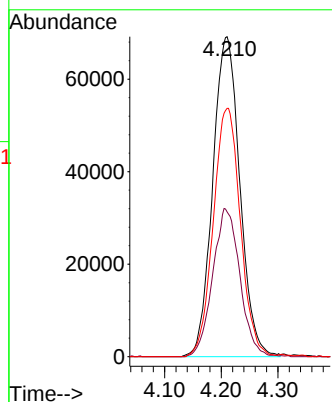
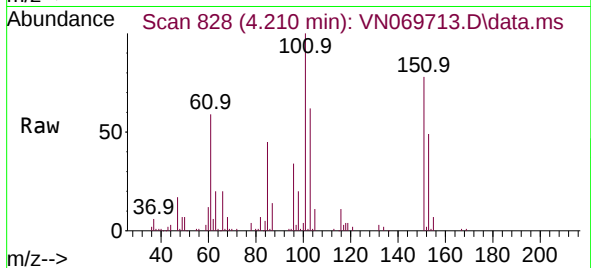
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.172 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion:101 Resp: 23053
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 77.5 65.9 98.9

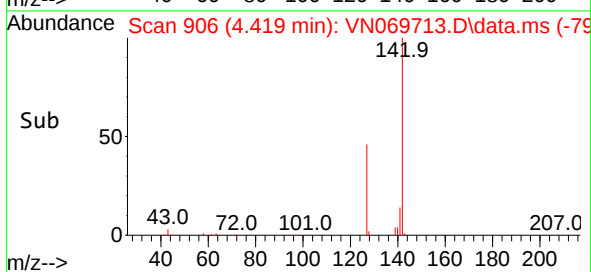
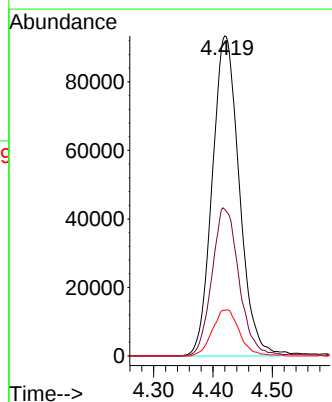
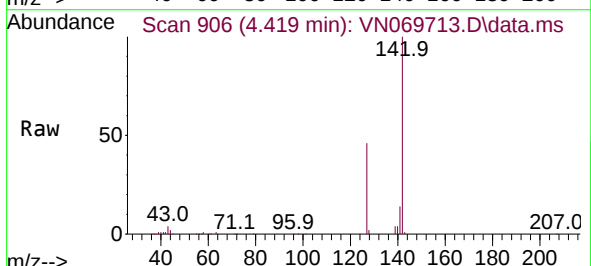
Manual Integrations
APPROVED

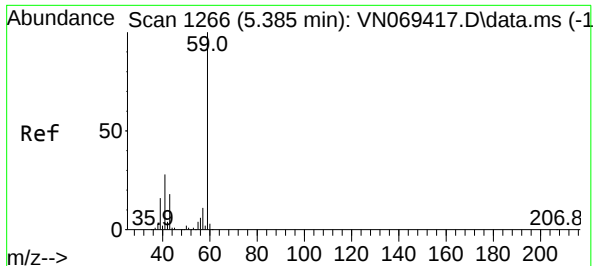
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 19.856 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

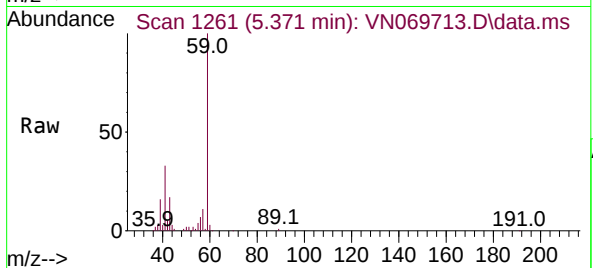
Tgt Ion:142 Resp: 295362
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.689 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.019 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

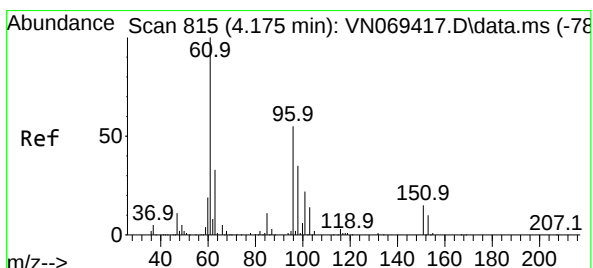
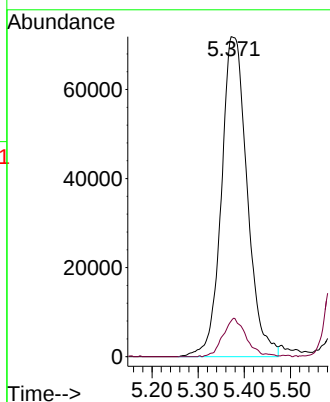
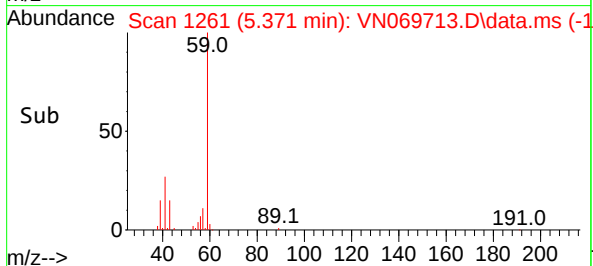
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



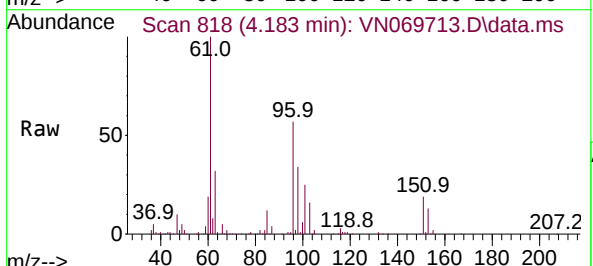
Tgt Ion: 59 Resp: 278700
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

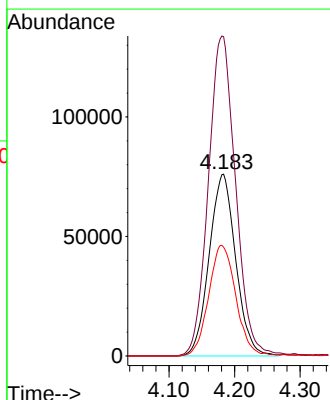
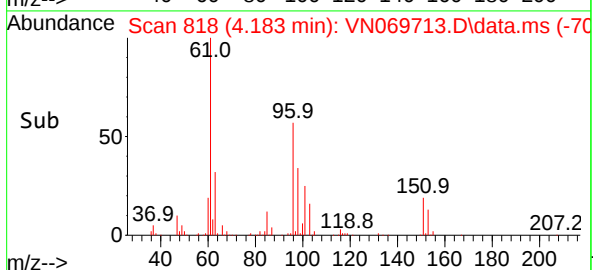
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 20.408 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



Tgt Ion: 96 Resp: 214137
Ion Ratio Lower Upper
96 100
61 175.7 131.0 196.6
98 59.9 52.4 78.6





#13

Acrolein

Concen: 83.793 ug/l

RT: 4.041 min Scan# 70

Delta R.T. 0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 56 Resp: 229409

Ion Ratio Lower Upper

56 100

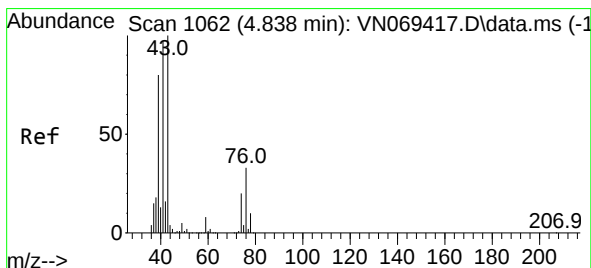
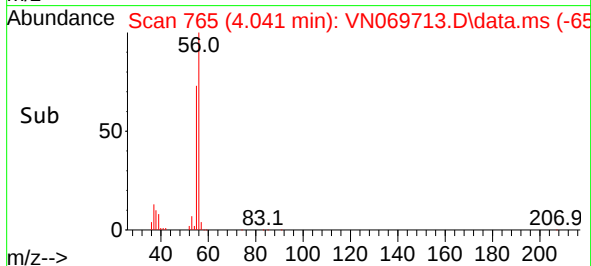
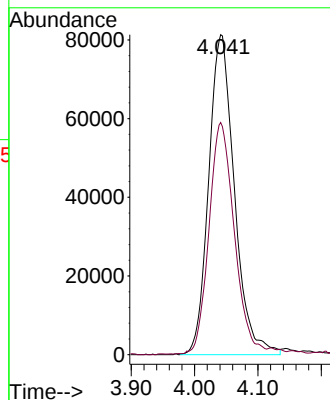
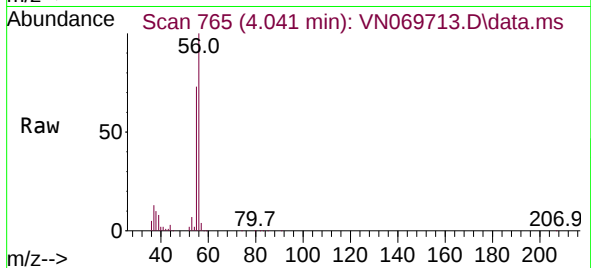
55 70.5 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#14

Allyl chloride

Concen: 19.772 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

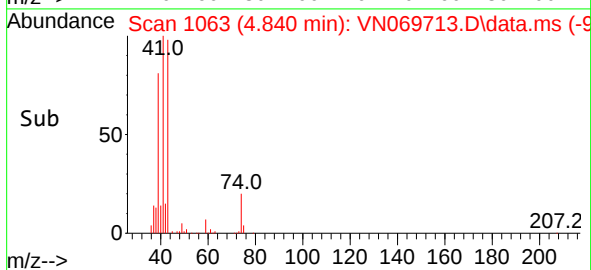
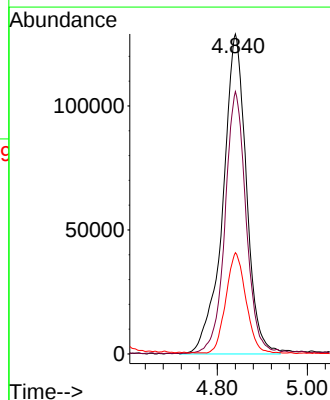
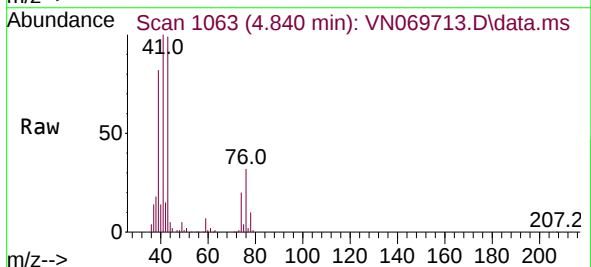
Tgt Ion: 41 Resp: 467480

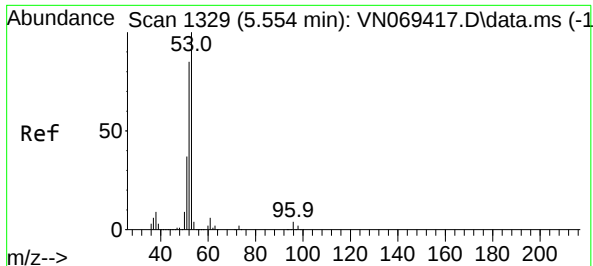
Ion Ratio Lower Upper

41 100

39 73.3 61.2 91.8

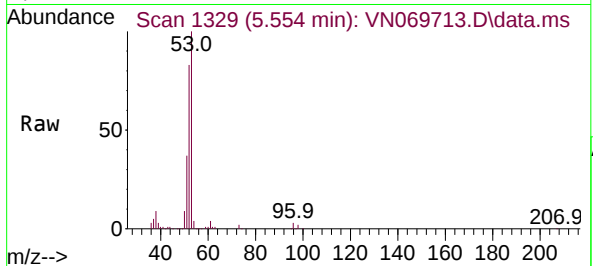
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 93.637 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

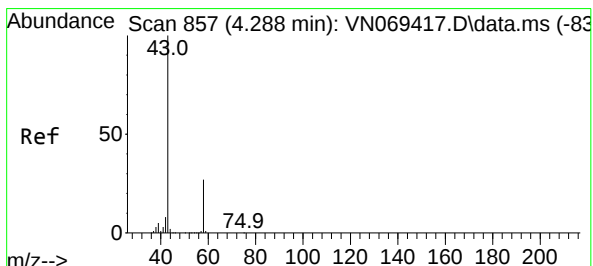
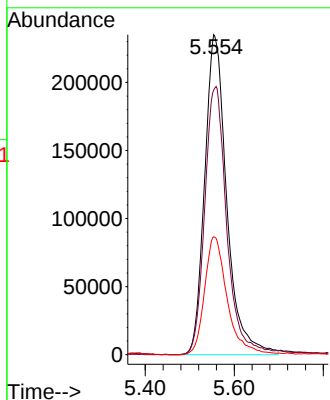
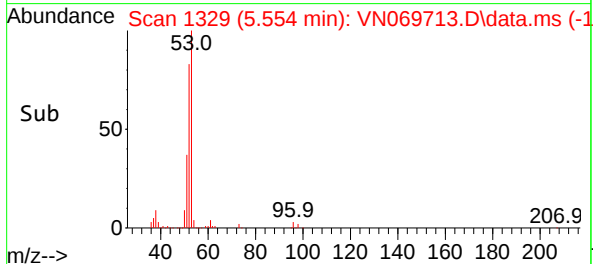
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 53 Resp: 81118
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.7 29.6 44.4

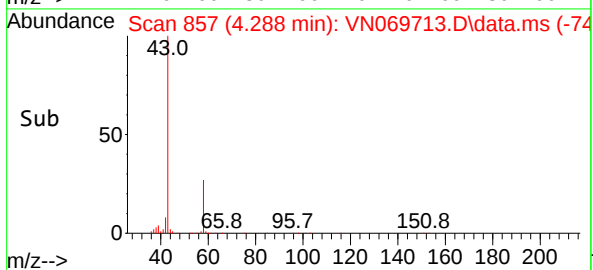
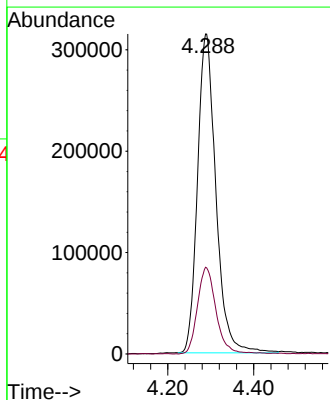
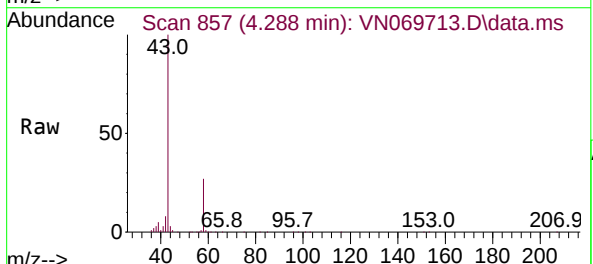
Manual Integrations
APPROVED

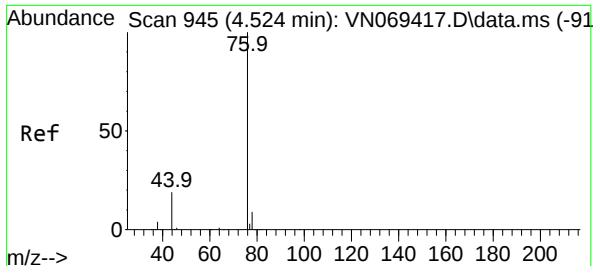
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 91.252 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

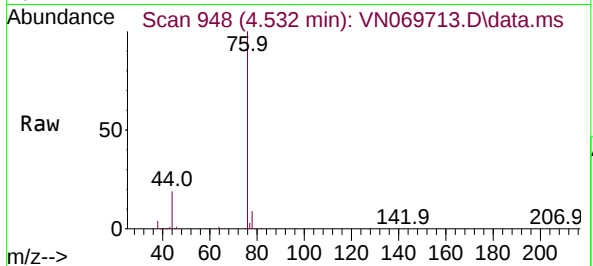
Tgt Ion: 43 Resp: 933609
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 19.929 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

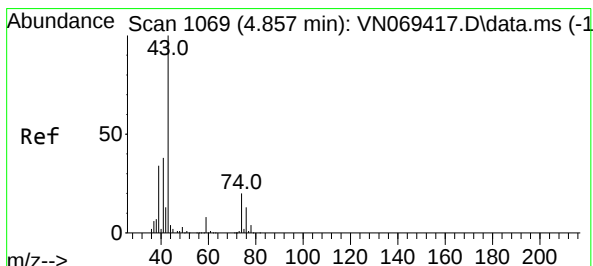
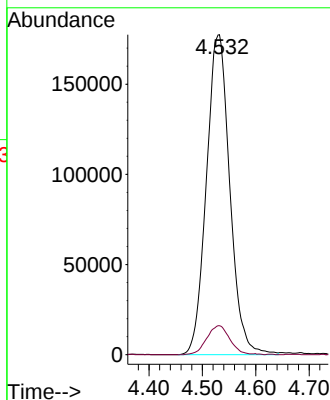
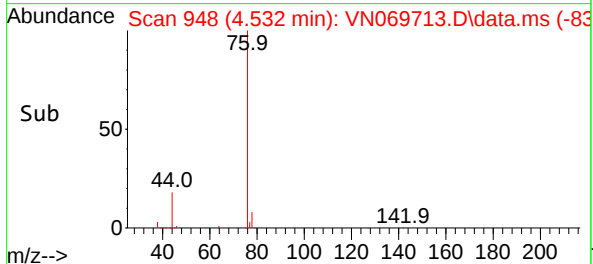
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



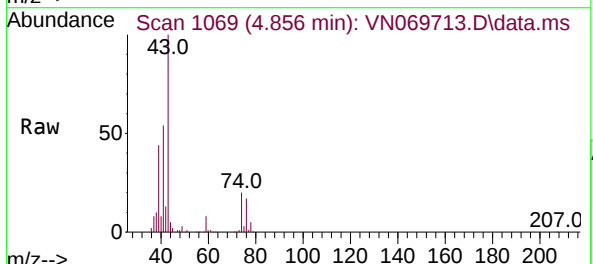
Tgt Ion: 76 Resp: 540230
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

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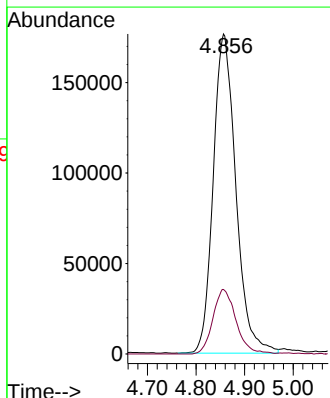
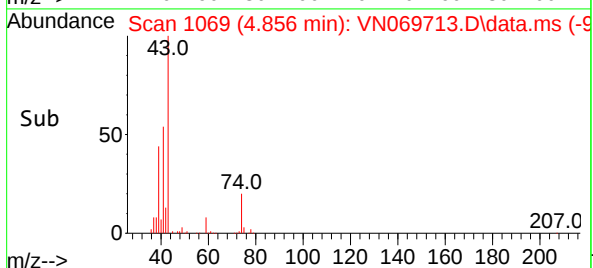
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

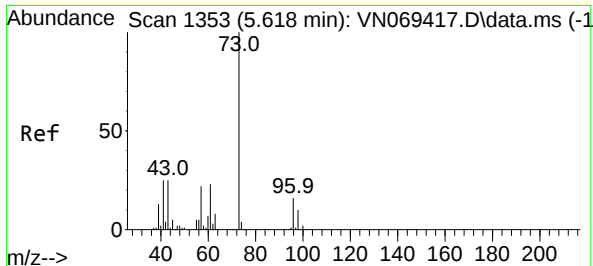


#18
Methyl Acetate
Concen: 18.521 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



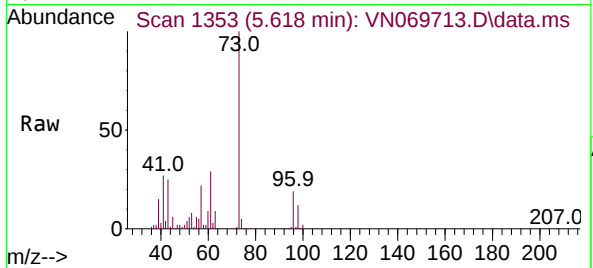
Tgt Ion: 43 Resp: 571972
Ion Ratio Lower Upper
43 100
74 20.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.930 ug/l
RT: 5.618 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

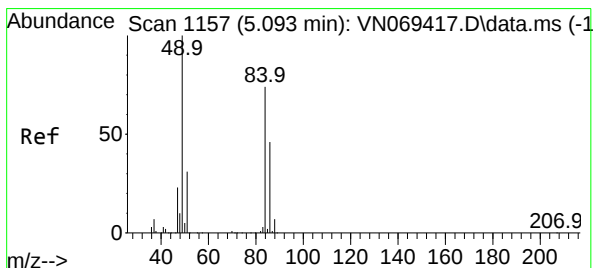
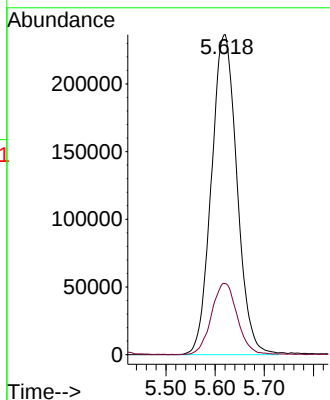
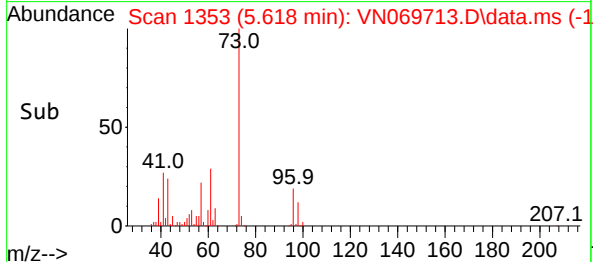
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 73 Resp: 853929
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

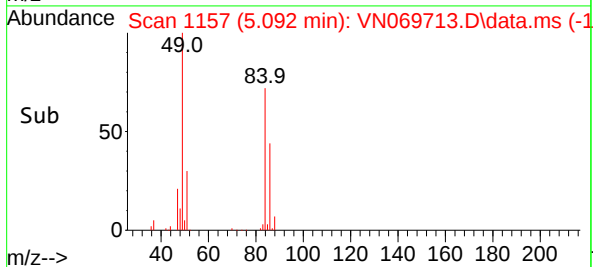
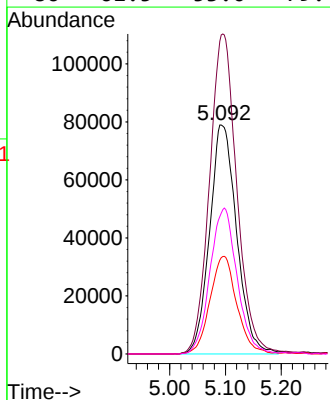
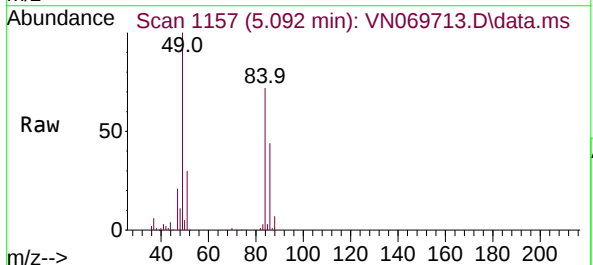
Manual Integrations
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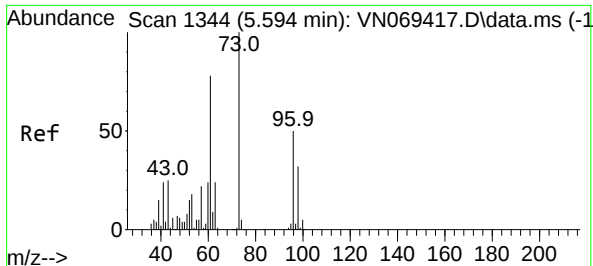
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 19.566 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

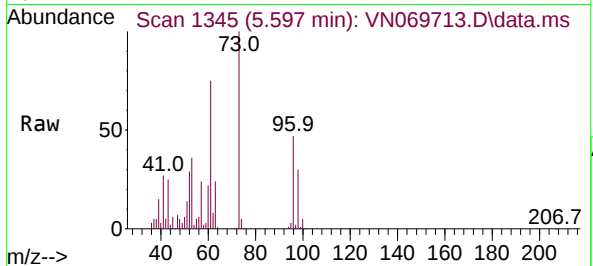
Tgt Ion: 84 Resp: 266122
Ion Ratio Lower Upper
84 100
49 139.3 93.5 140.3
51 42.1 29.4 44.2
86 61.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.007 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

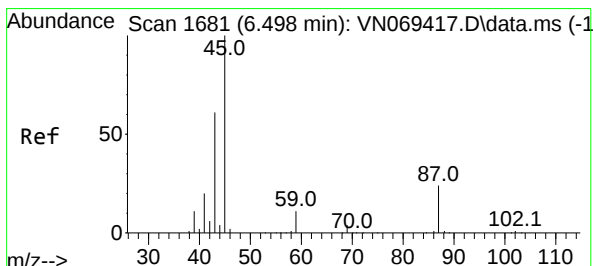
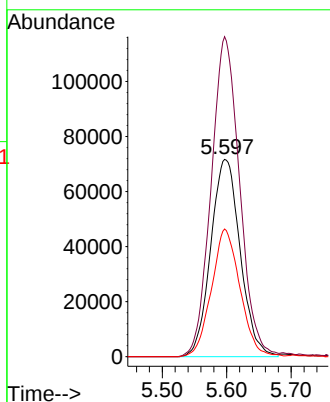
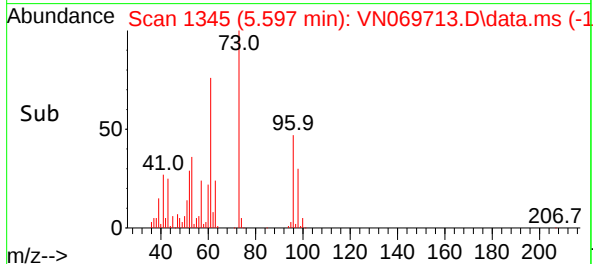
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



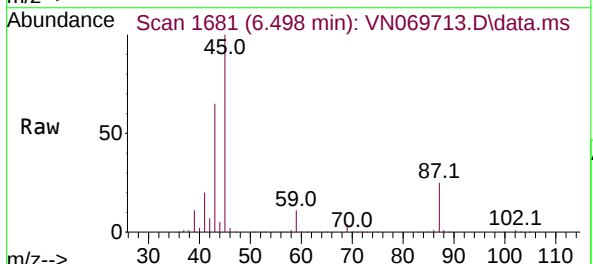
Tgt Ion: 96 Resp: 228014
Ion Ratio Lower Upper
96 100
61 162.2 105.8 158.6
98 64.7 52.0 78.0

Manual Integrations
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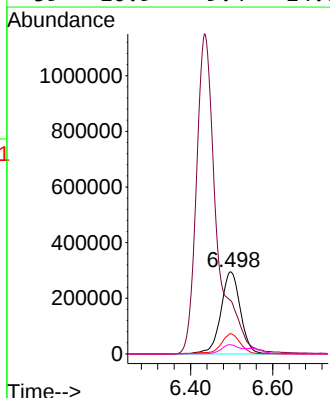
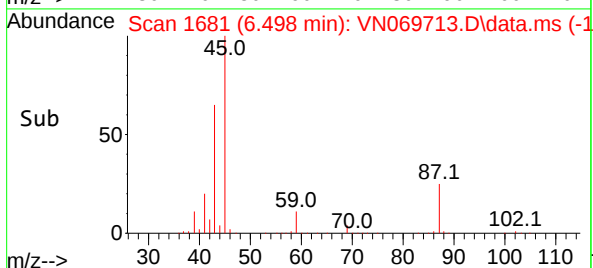
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

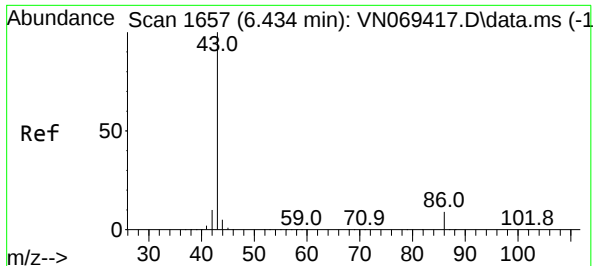


#22
Diisopropyl ether
Concen: 21.163 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



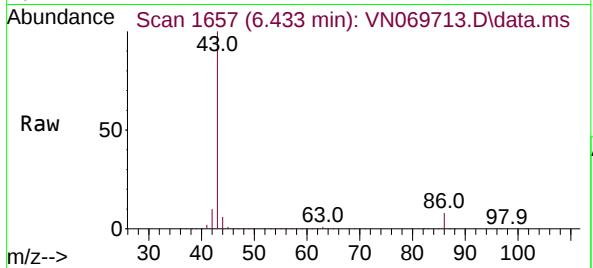
Tgt Ion: 45 Resp: 978019
Ion Ratio Lower Upper
45 100
43 64.2 51.7 77.5
87 24.7 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 104.551 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069713.D
 Acq: 3 Dec 2021 12:35

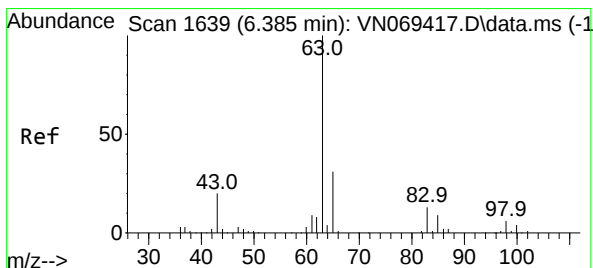
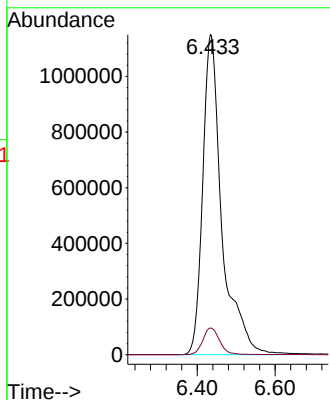
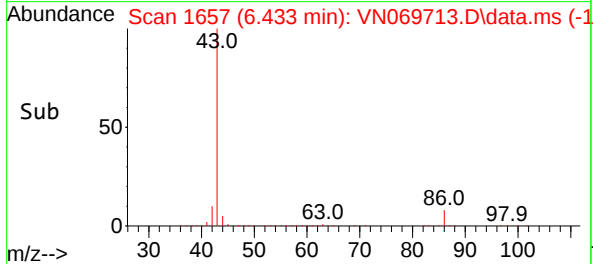
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01



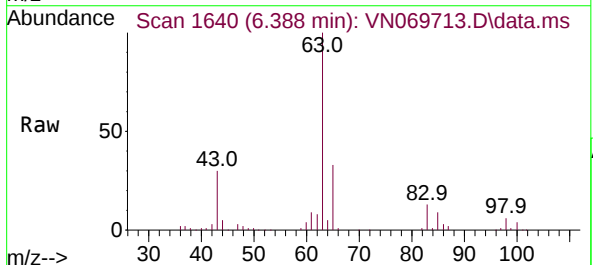
Tgt Ion: 43 Resp: 393087
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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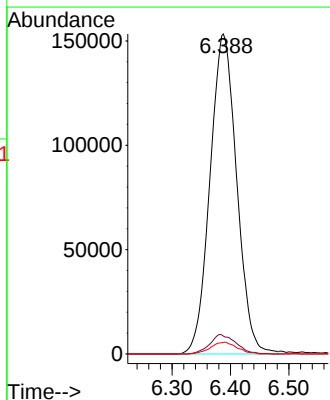
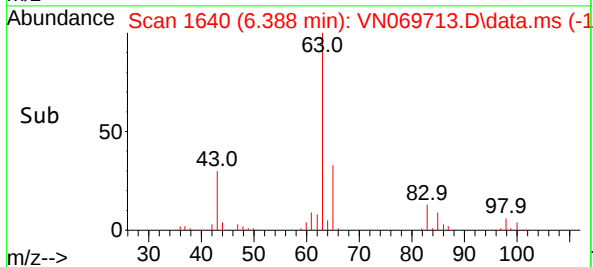
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

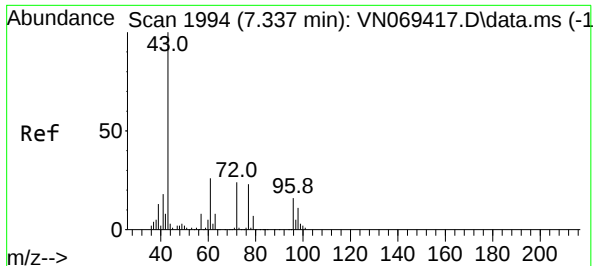


#24
 1,1-Dichloroethane
 Concen: 20.339 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069713.D
 Acq: 3 Dec 2021 12:35



Tgt Ion: 63 Resp: 486900
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 90.353 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 43 Resp: 125601

Ion Ratio Lower Upper

43 100

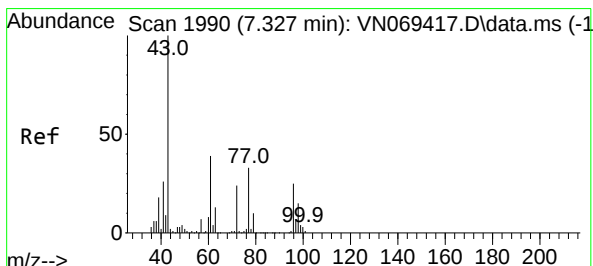
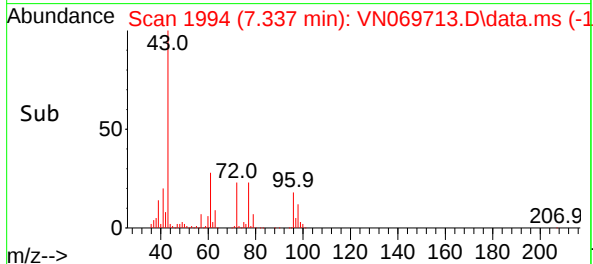
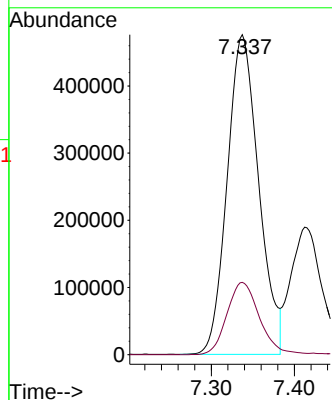
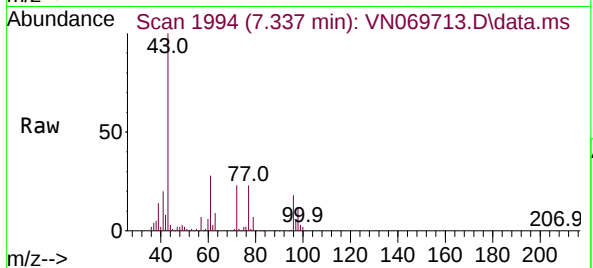
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 20.186 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069713.D

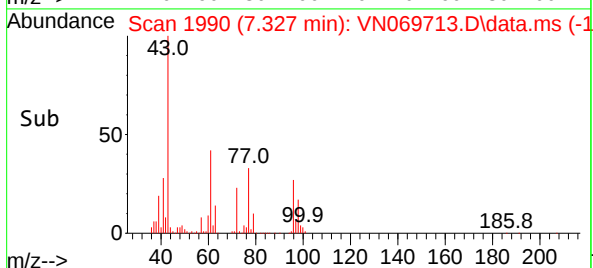
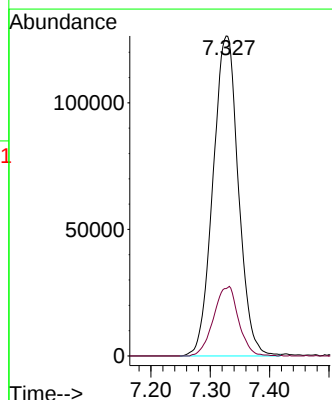
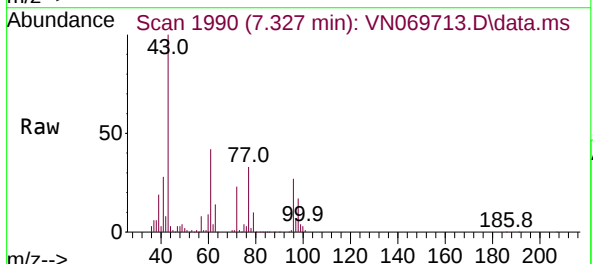
Acq: 3 Dec 2021 12:35

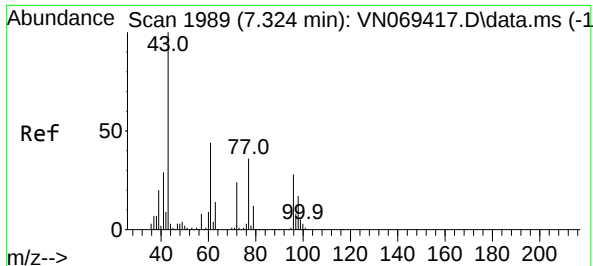
Tgt Ion: 77 Resp: 375725

Ion Ratio Lower Upper

77 100

97 21.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.280 ug/l

RT: 7.329 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

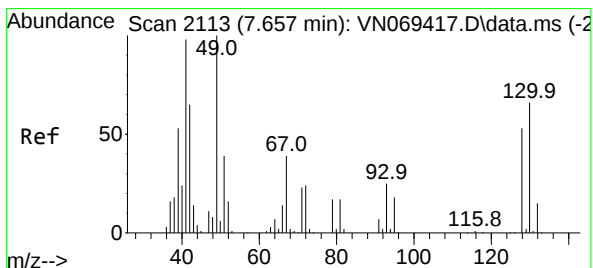
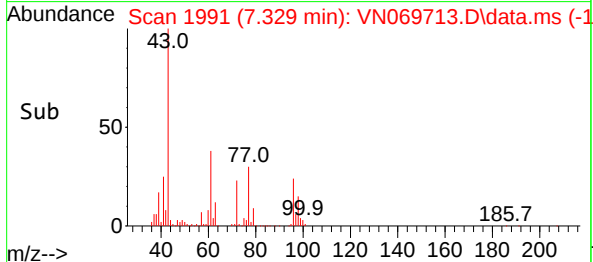
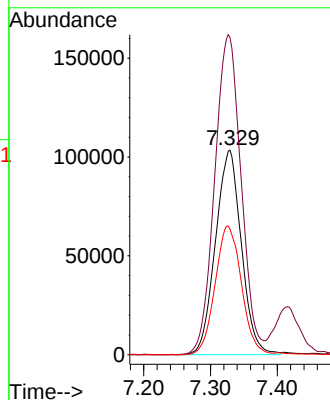
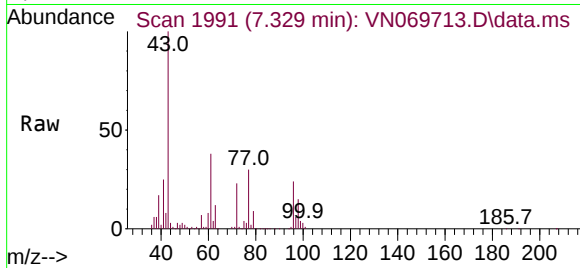
Tgt Ion:	96	Resp:	279250
Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	275.0
98	63.8	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 19.465 ug/l

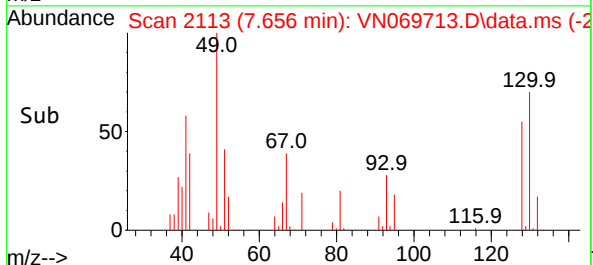
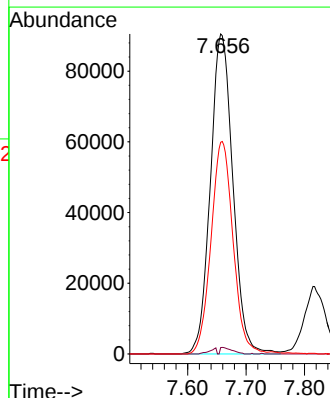
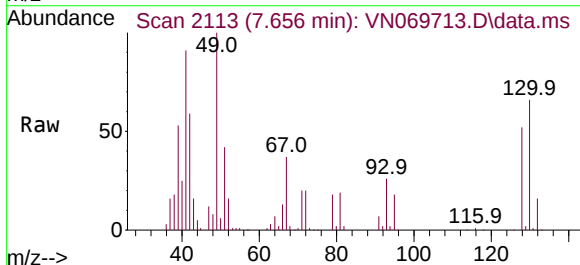
RT: 7.656 min Scan# 2113

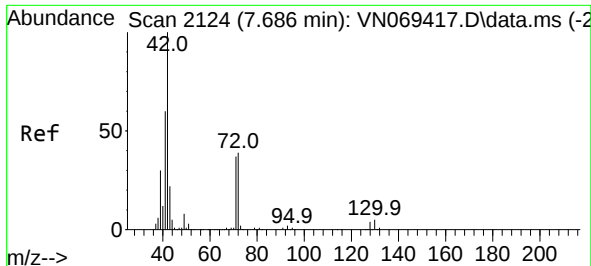
Delta R.T. 0.000 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Tgt Ion:	49	Resp:	242312
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.0
130	64.9	67.8	101.8





#29

Tetrahydrofuran

Concen: 94.112 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 42 Resp: 79440

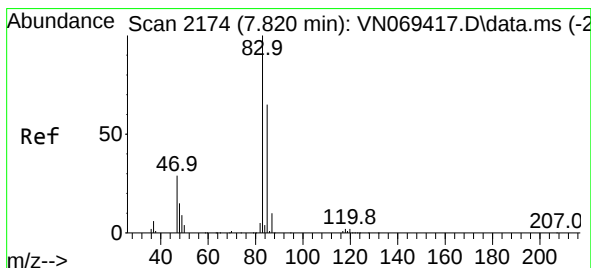
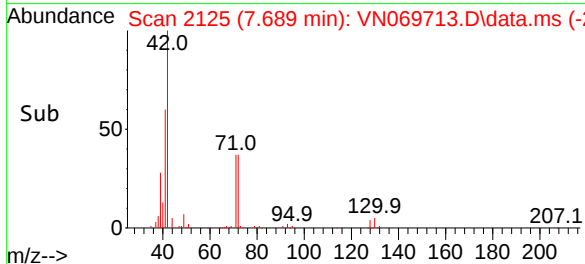
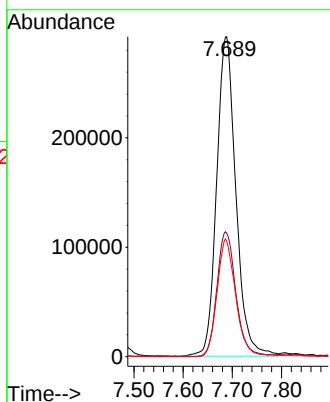
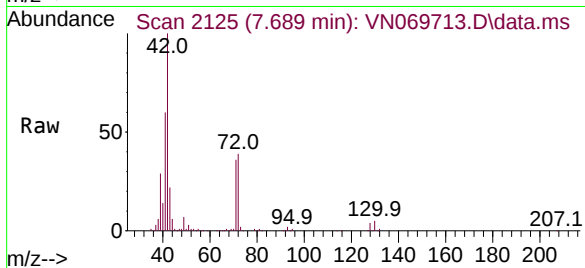
Ion	Ratio	Lower	Upper
42	100		
72	38.3	36.3	54.5
71	35.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 20.516 ug/l

RT: 7.817 min Scan# 2173

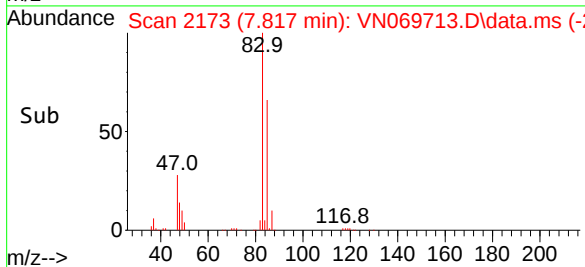
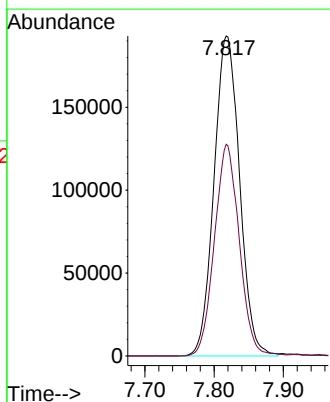
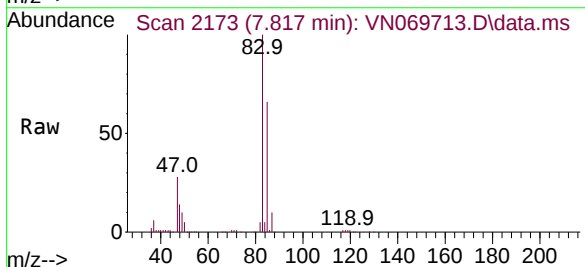
Delta R.T. -0.003 min

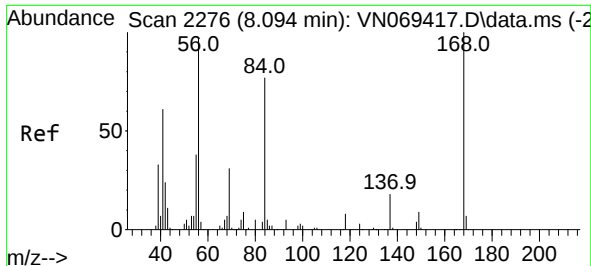
Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Tgt Ion: 83 Resp: 496024

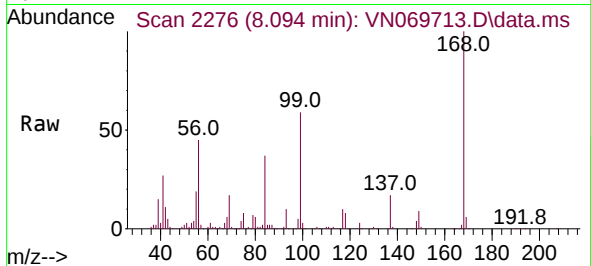
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.9	77.9





#31
Cyclohexane
Concen: 20.630 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

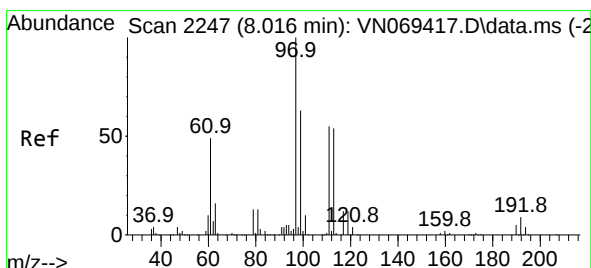
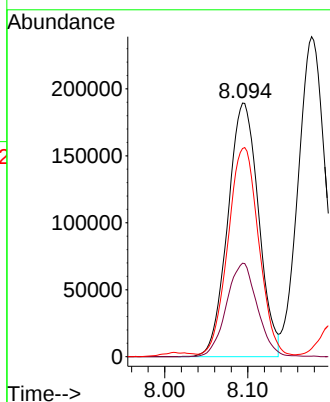
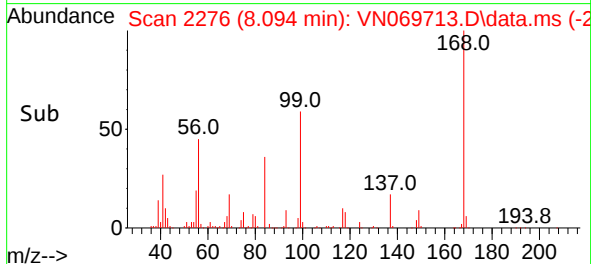
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 56 Resp: 48830
Ion Ratio Lower Upper
56 100
69 36.9 27.1 40.7
84 80.6 73.4 110.0

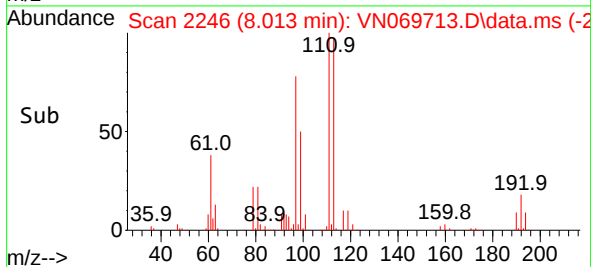
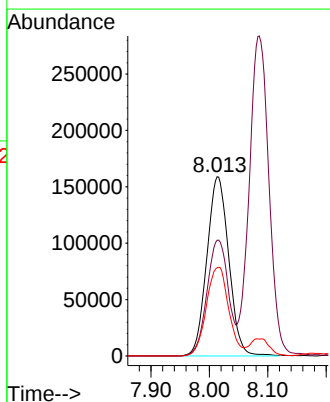
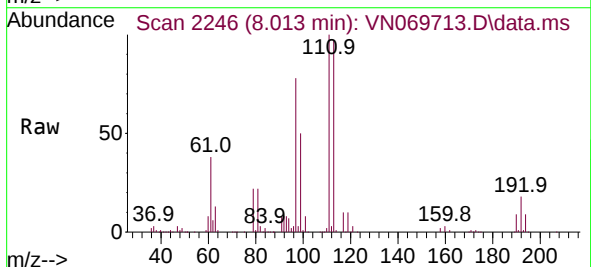
Manual Integrations
APPROVED

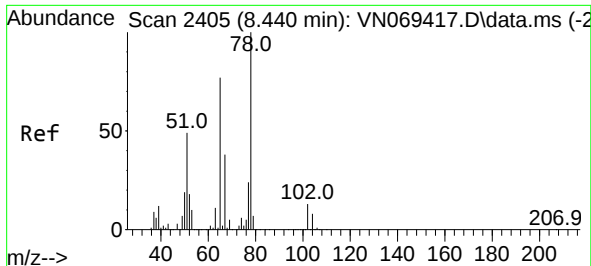
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 20.130 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion: 97 Resp: 414569
Ion Ratio Lower Upper
97 100
99 62.5 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.879 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 65 Resp: 831330

Ion Ratio Lower Upper

65 100

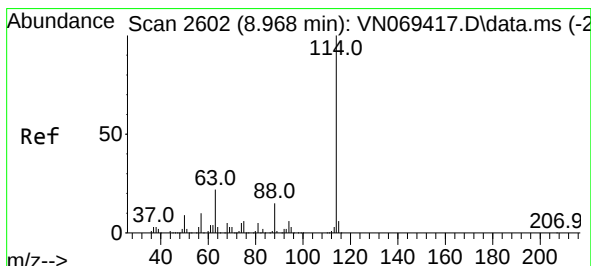
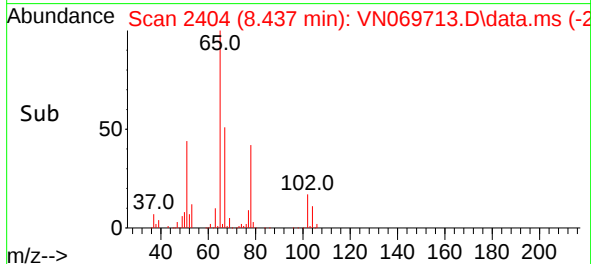
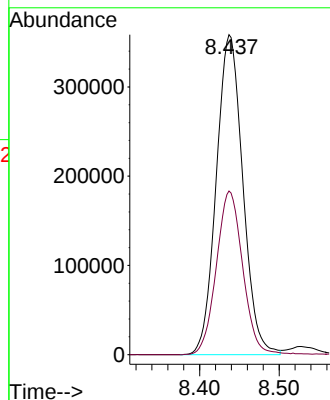
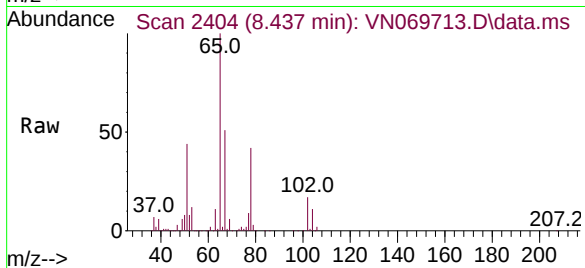
67 50.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

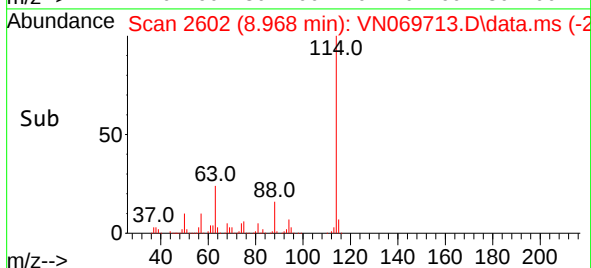
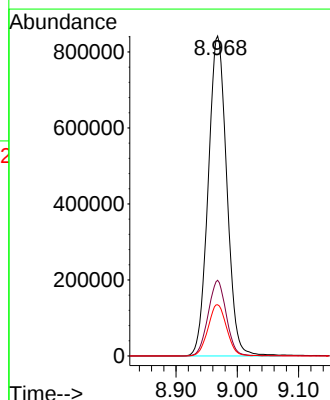
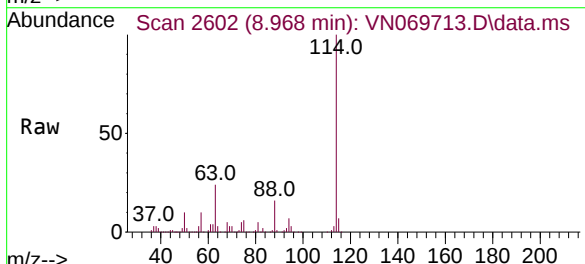
Tgt Ion:114 Resp: 1773440

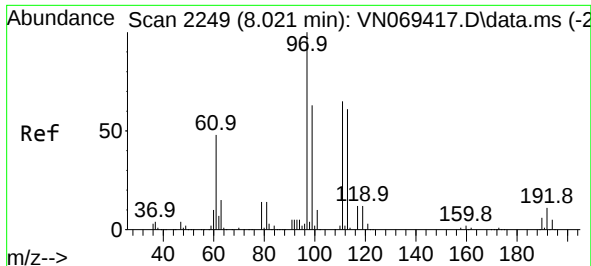
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

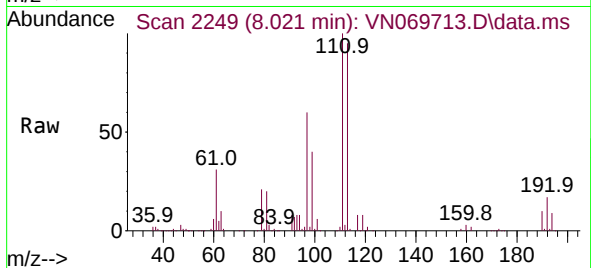
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.664 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

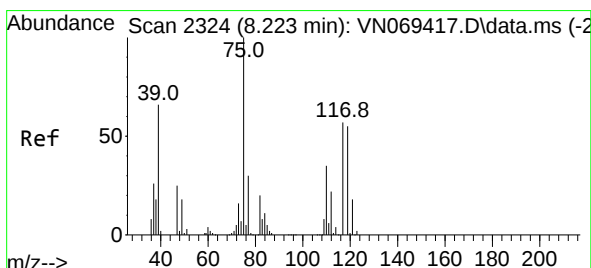
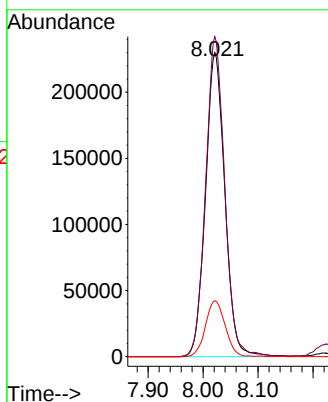
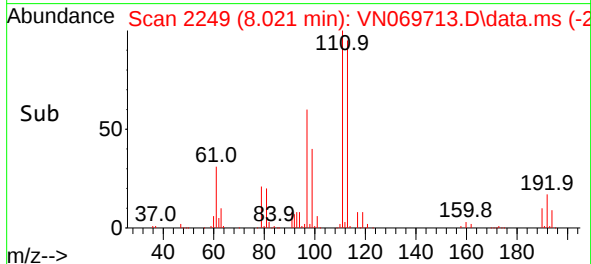
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:113 Resp: 56280
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.7 16.9 25.3

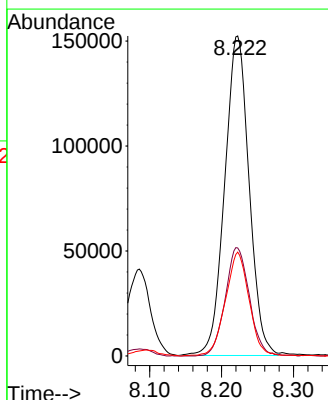
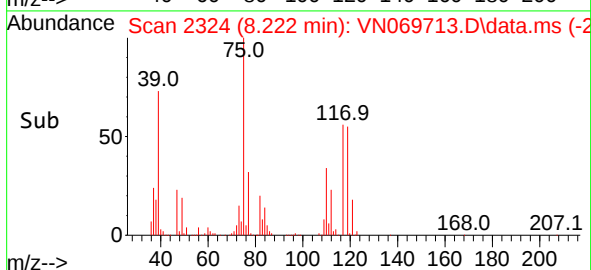
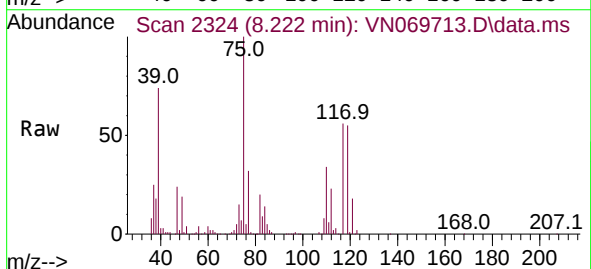
Manual Integrations
APPROVED

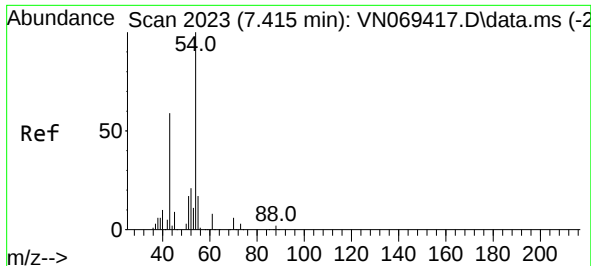
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 21.256 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion: 75 Resp: 358850
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 19.421 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 43 Resp: 488004

Ion Ratio Lower Upper

43 100

61 11.6 11.5 17.3

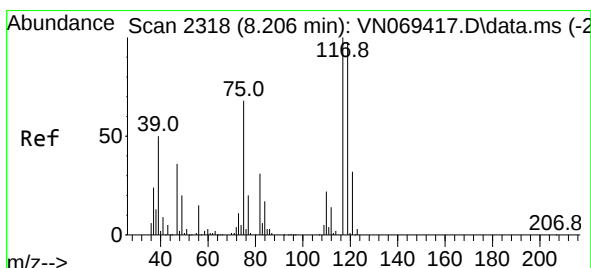
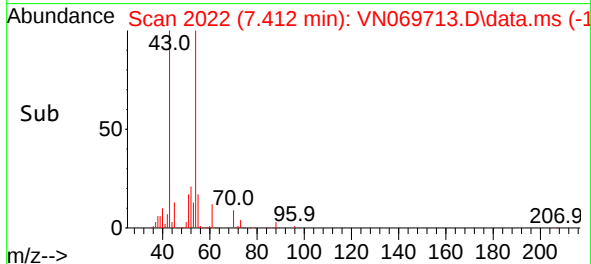
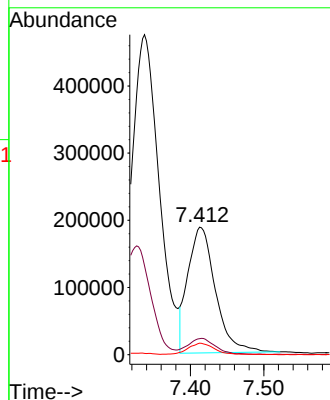
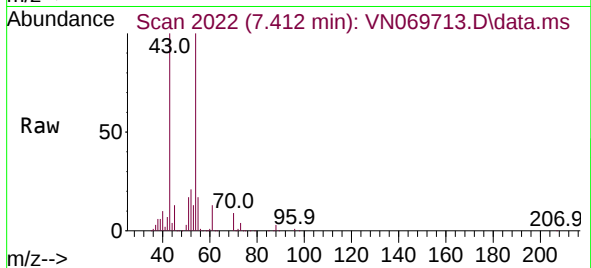
70 8.5 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 20.819 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

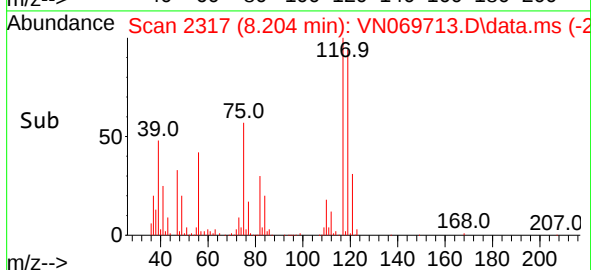
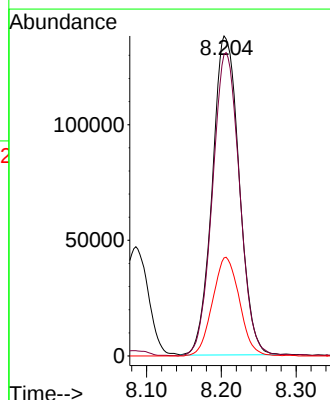
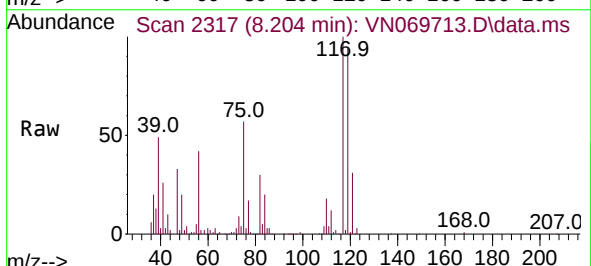
Tgt Ion:117 Resp: 344660

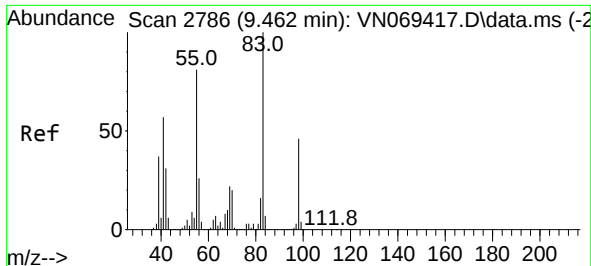
Ion Ratio Lower Upper

117 100

119 94.5 76.1 114.1

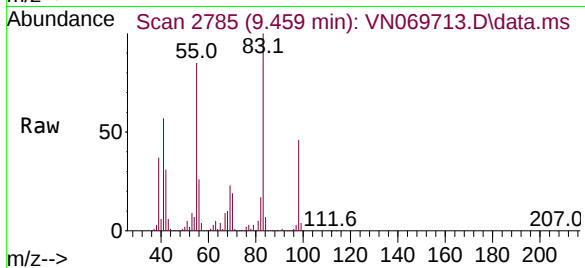
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 21.741 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

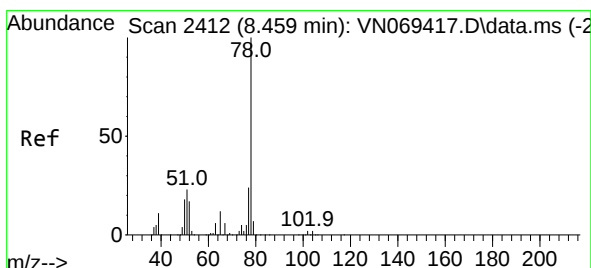
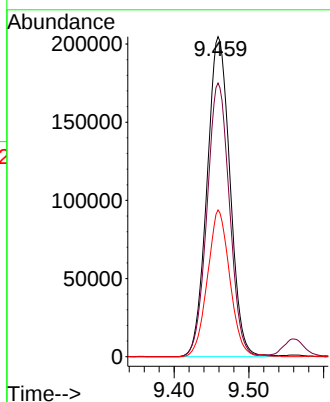
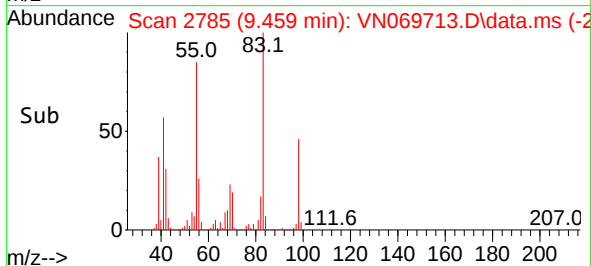
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 83 Resp: 436590
Ion Ratio Lower Upper
83 100
55 85.5 58.1 87.1
98 45.9 38.4 57.6

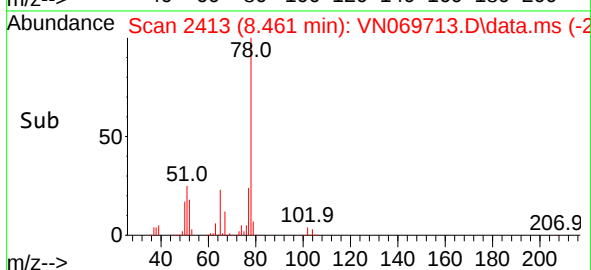
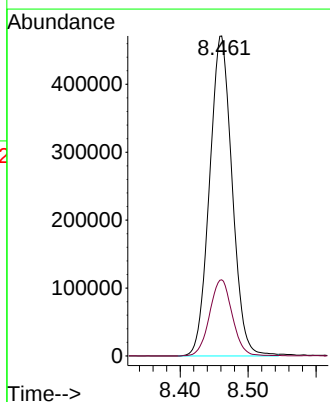
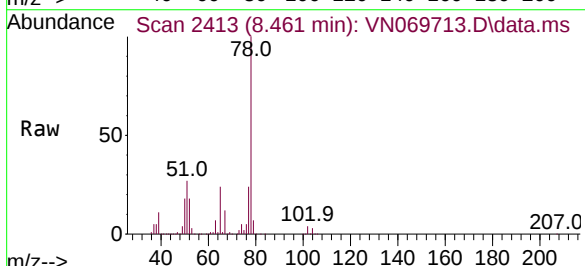
Manual Integrations
APPROVED

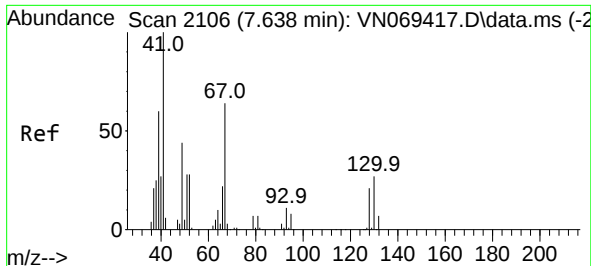
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 21.046 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

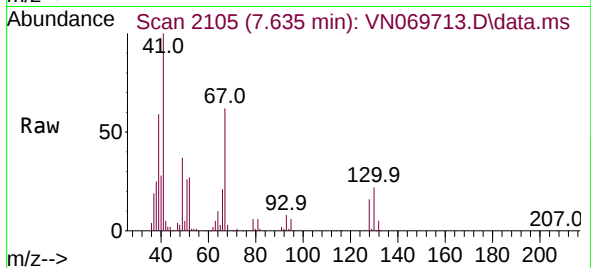
Tgt Ion: 78 Resp: 1086038
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 20.658 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

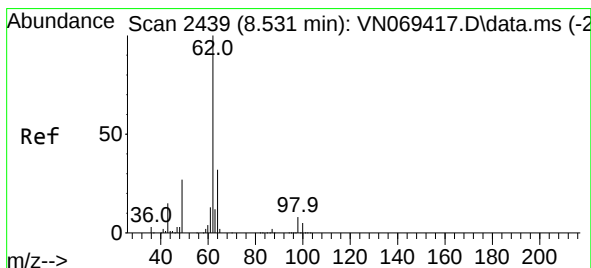
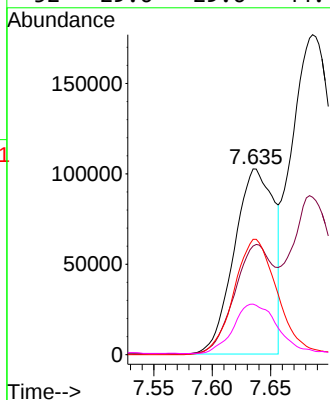
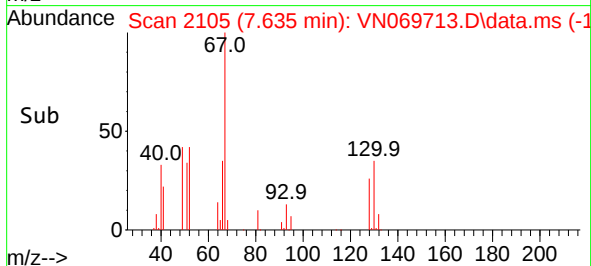
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 41 Resp: 243679
Ion Ratio Lower Upper
41 100
39 58.2 48.1 72.1
67 68.6 68.3 102.5
52 29.6 29.6 44.4#

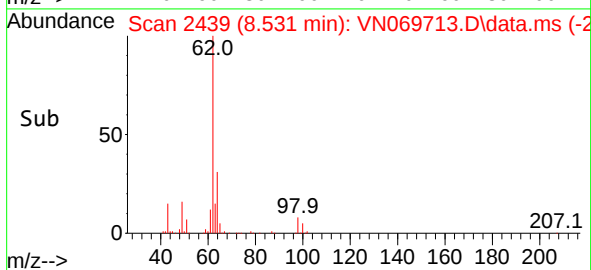
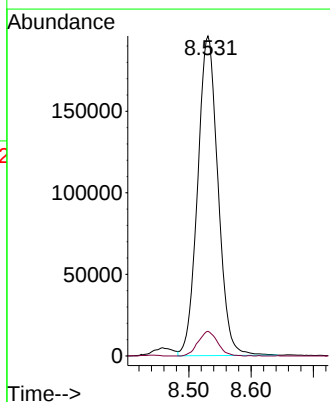
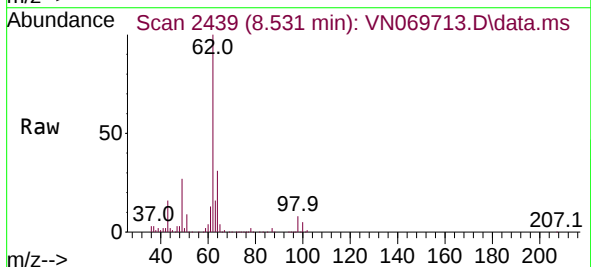
Manual Integrations
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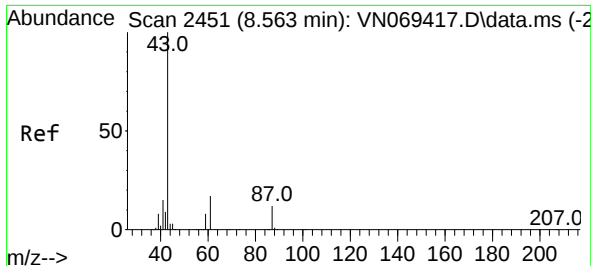
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 21.308 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

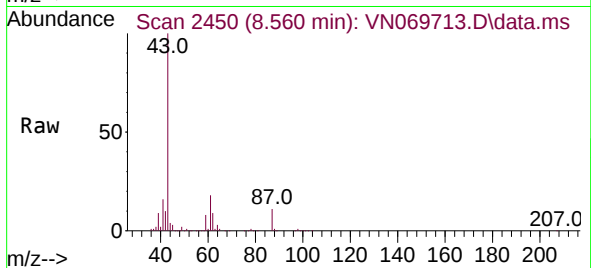
Tgt Ion: 62 Resp: 443863
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.453 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

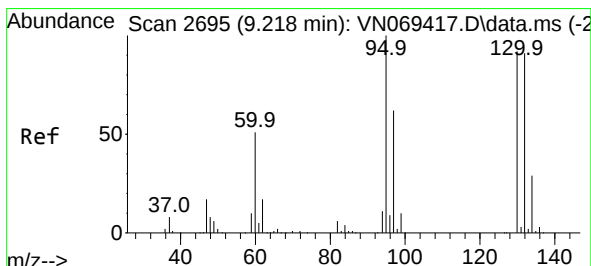
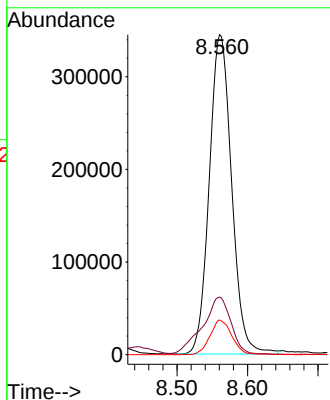
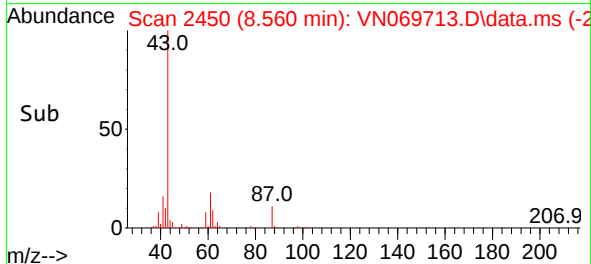
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 43 Resp: 76054
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 10.6 11.2 16.8

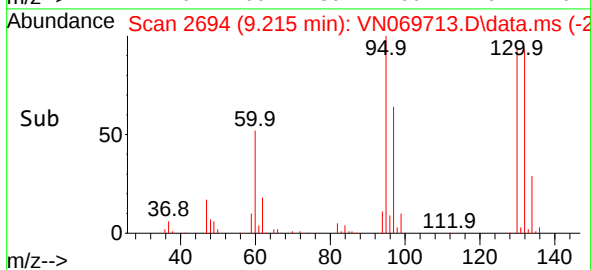
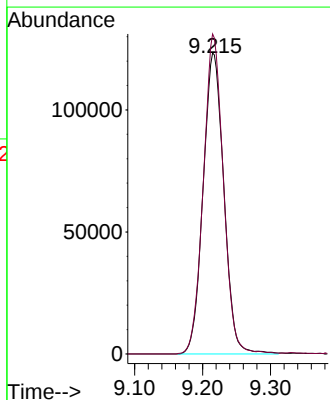
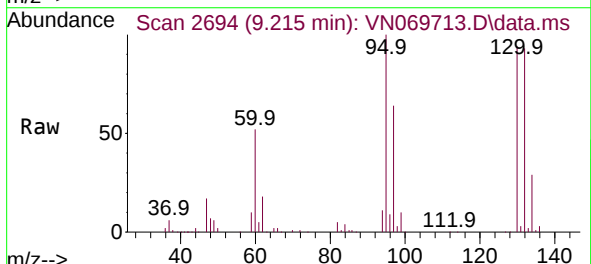
Manual Integrations
APPROVED

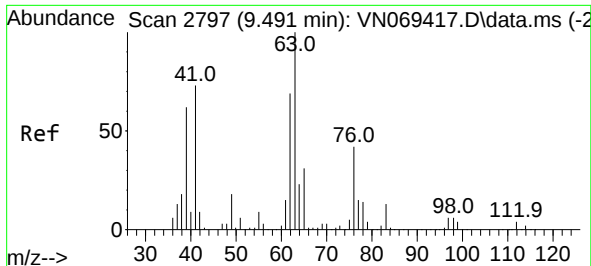
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 21.232 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

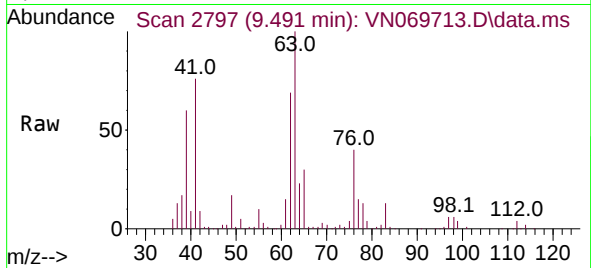
Tgt Ion:130 Resp: 261508
Ion Ratio Lower Upper
130 100
95 106.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 21.203 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

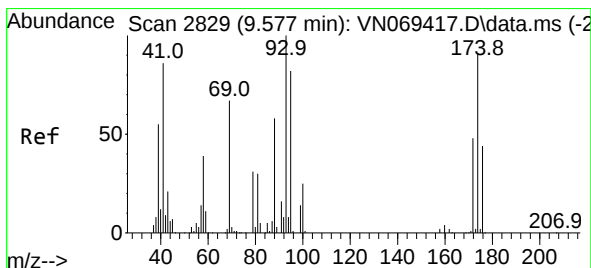
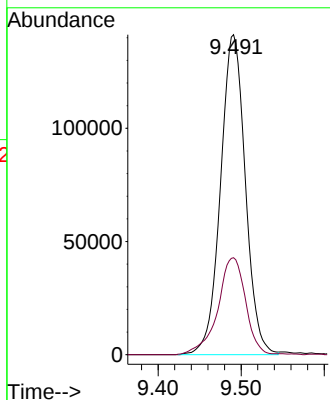
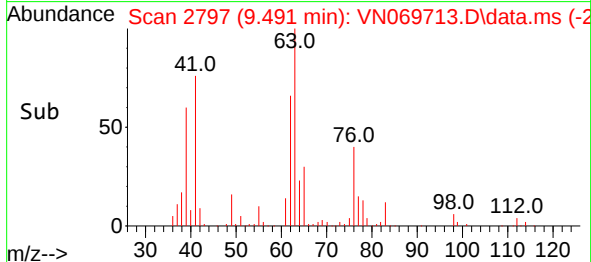
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 63 Resp: 293820
Ion Ratio Lower Upper
63 100
65 30.2 24.7 37.1

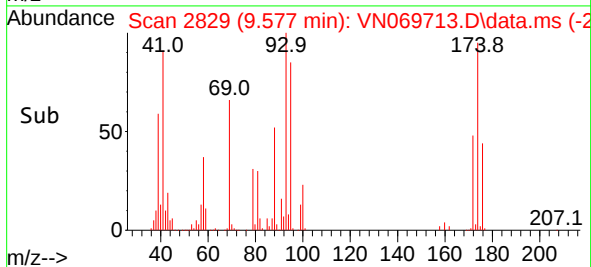
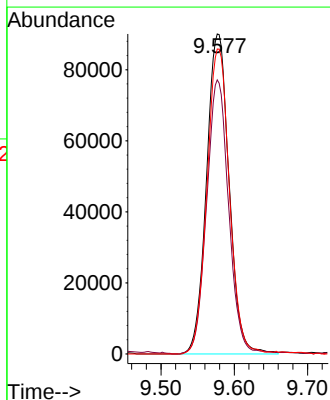
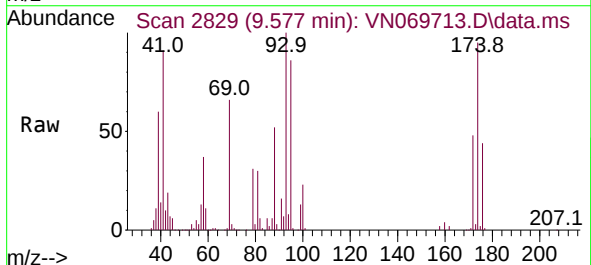
Manual Integrations
APPROVED

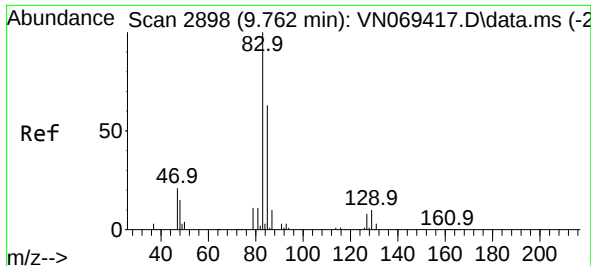
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#46
Dibromomethane
Concen: 21.223 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion: 93 Resp: 192882
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 94.7 84.6 127.0





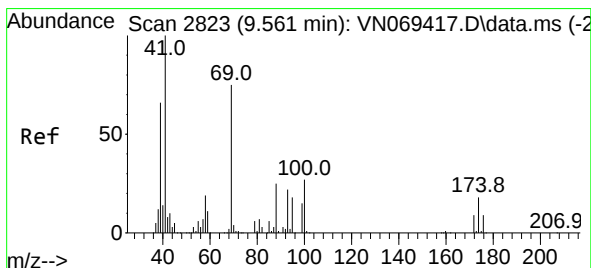
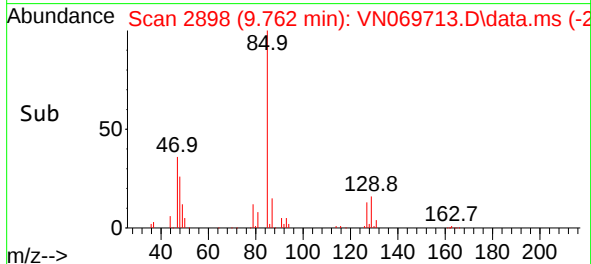
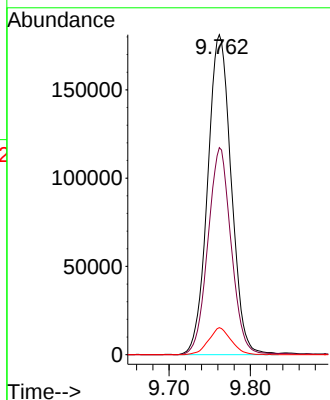
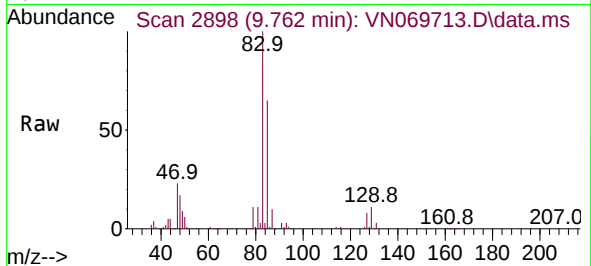
#47
Bromodichloromethane
Concen: 21.256 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 83 Resp: 365748
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 8.4 7.1 10.7

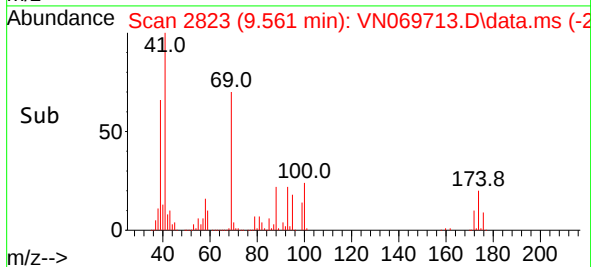
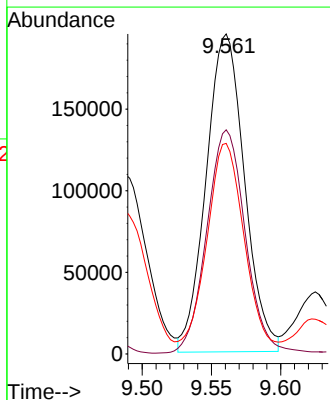
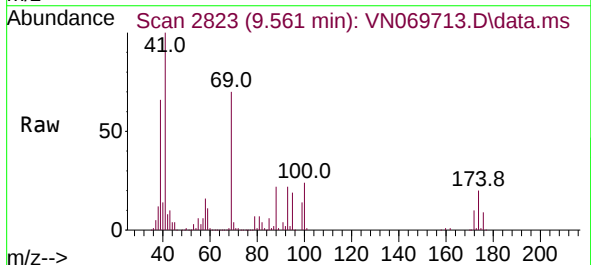
Manual Integrations
APPROVED

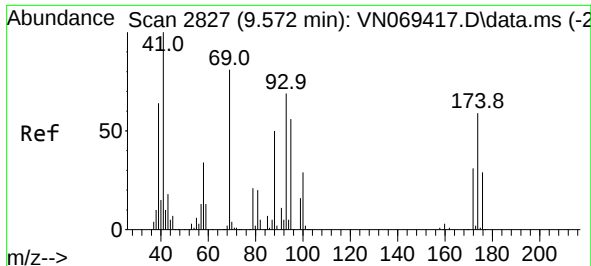
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 21.657 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion: 41 Resp: 375814
Ion Ratio Lower Upper
41 100
69 70.8 72.4 108.6
39 58.7 58.4 87.6





#49

1,4-Dioxane

Concen: 378.138 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 88 Resp: 11774

Ion Ratio Lower Upper

88 100

43 36.0 23.4 35.2

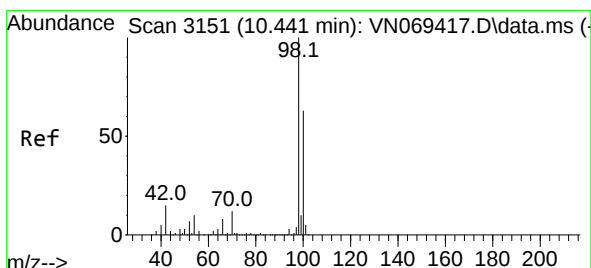
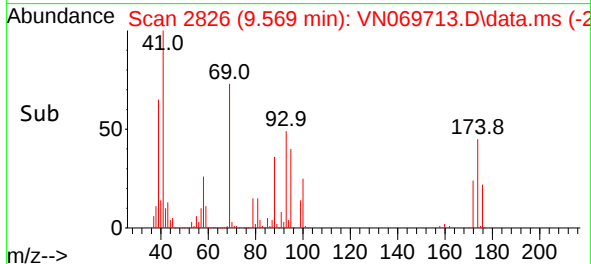
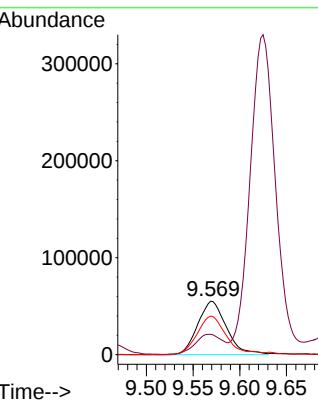
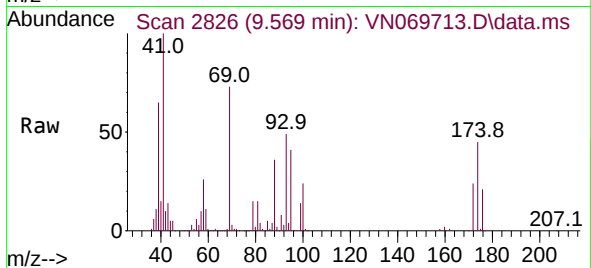
58 70.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 49.615 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069713.D

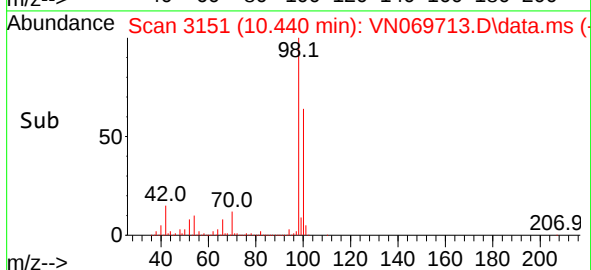
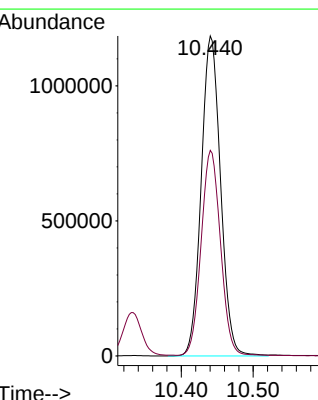
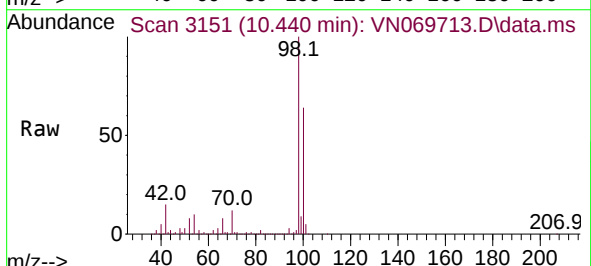
Acq: 3 Dec 2021 12:35

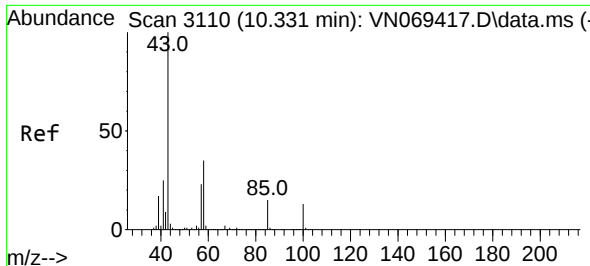
Tgt Ion: 98 Resp: 2213043

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6





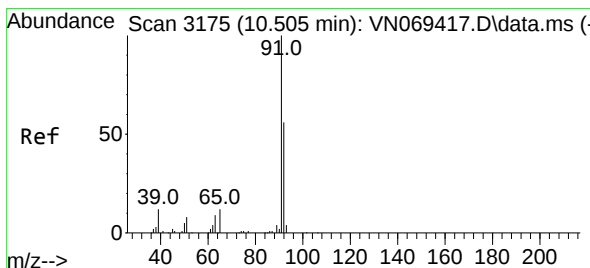
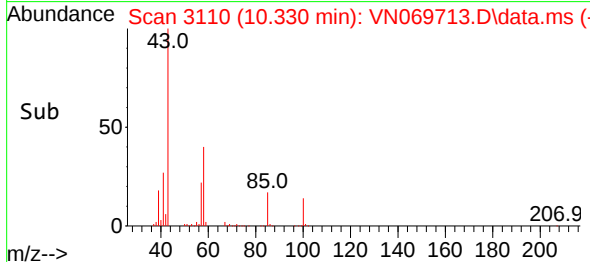
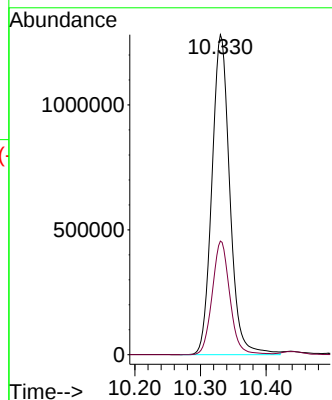
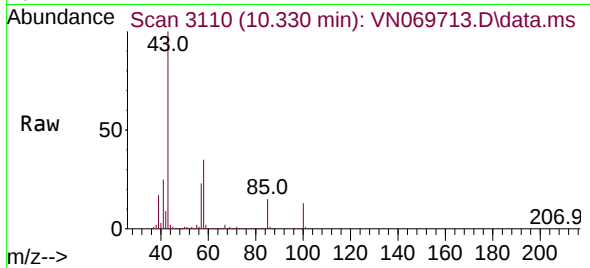
#51
4-Methyl-2-Pentanone
Concen: 100.607 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 43 Resp: 242692
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

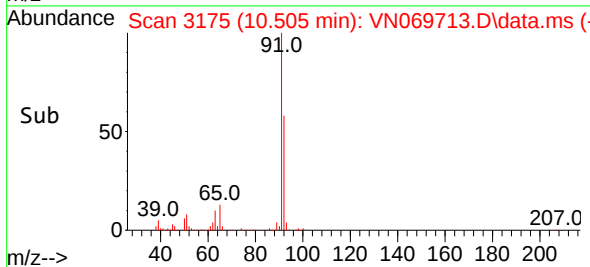
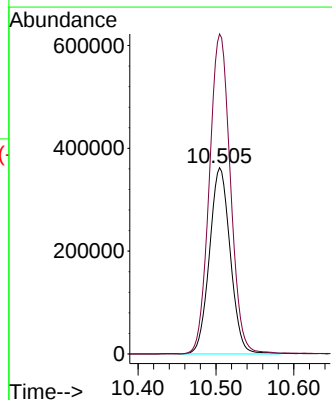
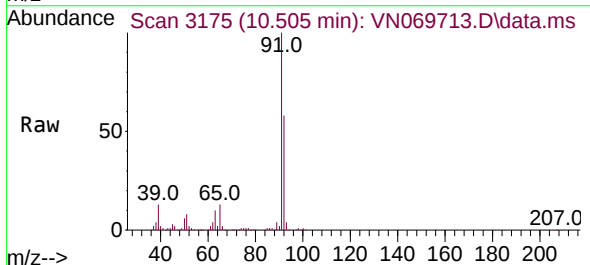
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 21.306 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

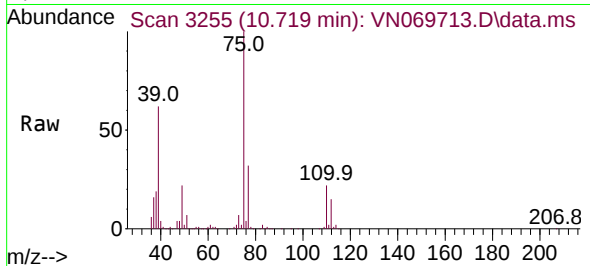
Tgt Ion: 92 Resp: 671244
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.994 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

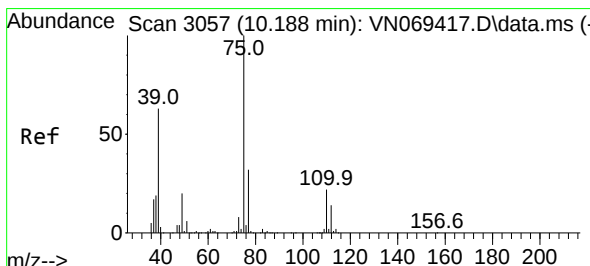
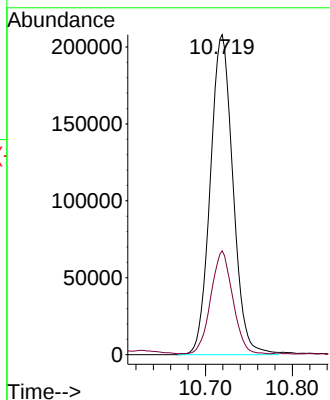
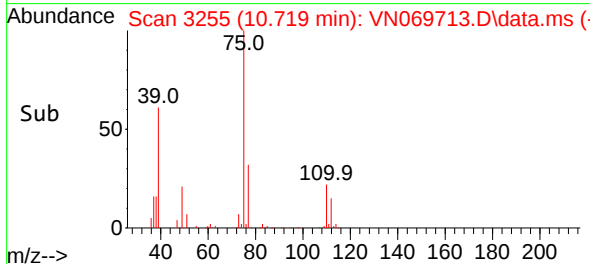
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



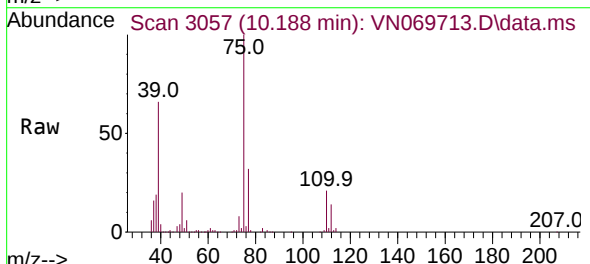
Tgt Ion: 75 Resp: 377080
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Manual Integrations
APPROVED

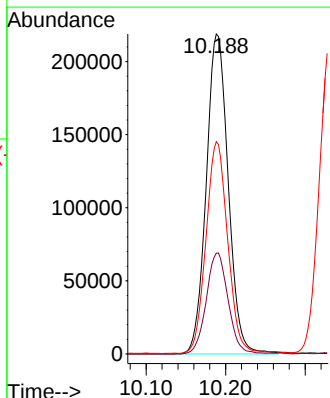
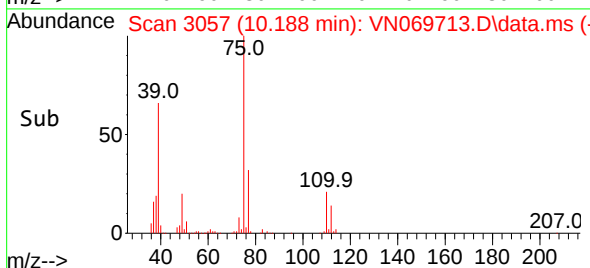
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

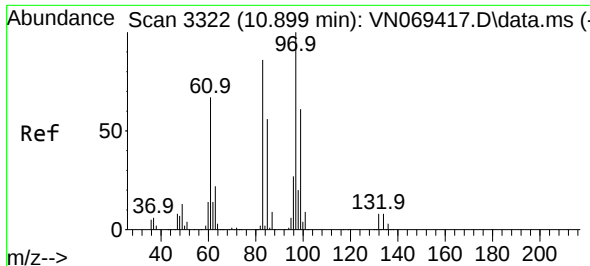


#54
cis-1,3-Dichloropropene
Concen: 20.541 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



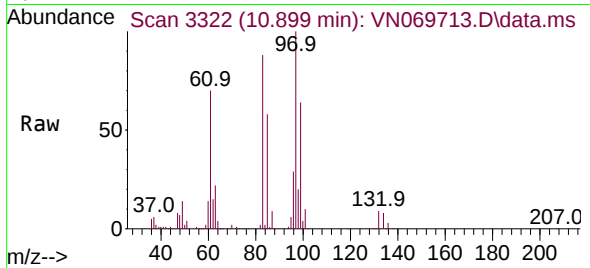
Tgt Ion: 75 Resp: 419574
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 66.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.790 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

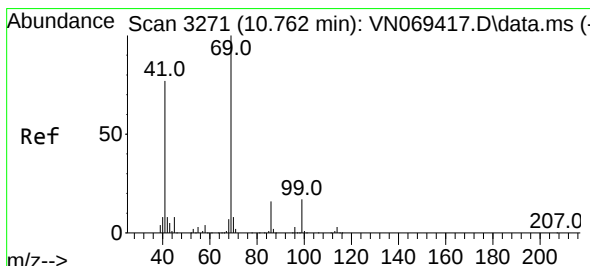
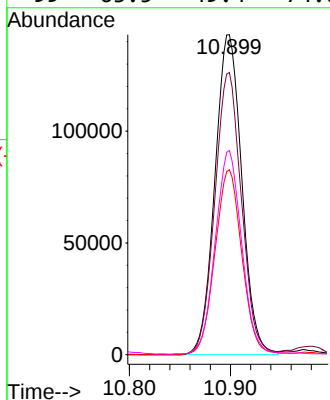
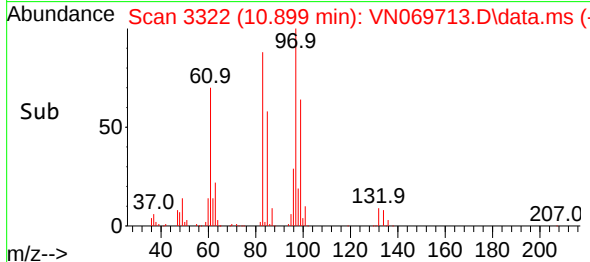
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



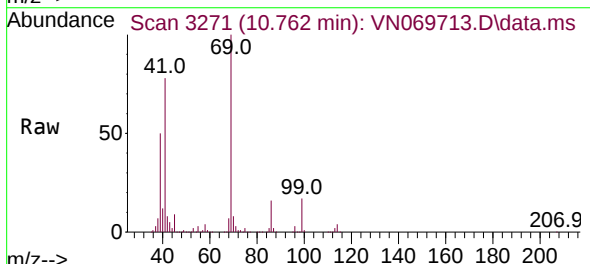
Tgt Ion:	97	Resp:	264274
Ion	Ratio	Lower	Upper
97	100		
83	88.2	67.8	101.6
85	57.8	45.4	68.2
99	63.5	49.4	74.0

Manual Integrations
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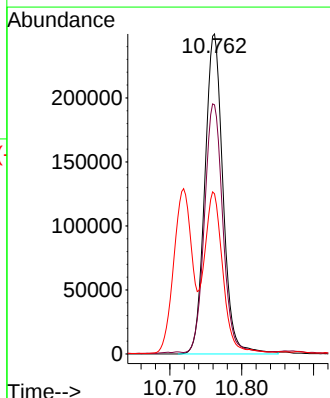
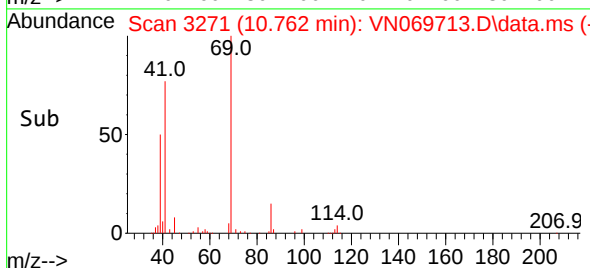
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 19.780 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



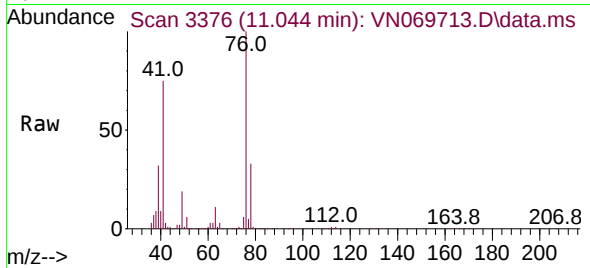
Tgt Ion:	69	Resp:	439801
Ion	Ratio	Lower	Upper
69	100		
41	78.1	51.4	77.0#
39	49.2	34.6	52.0





#57
1,3-Dichloropropane
Concen: 21.199 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

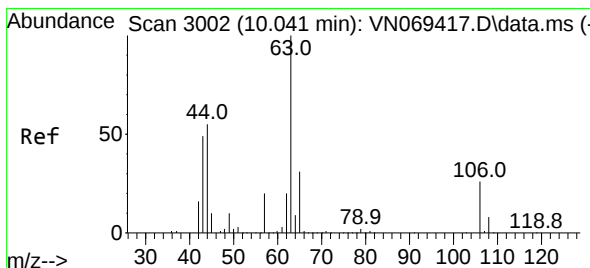
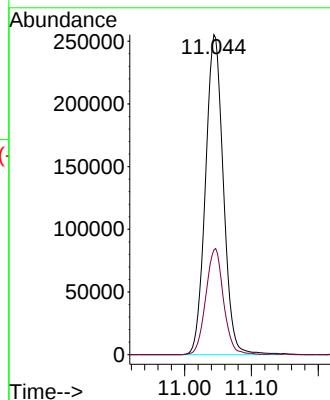
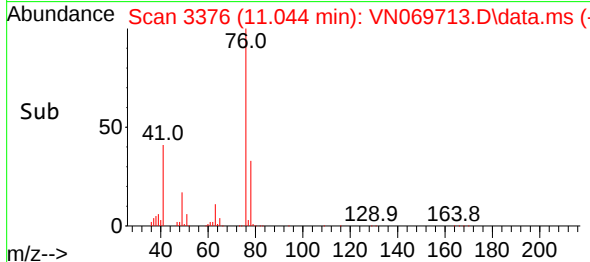
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



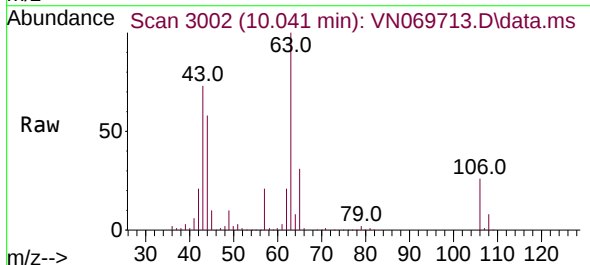
Tgt Ion: 76 Resp: 47449
Ion Ratio Lower Upper
76 100
78 33.0 25.7 38.5

Manual Integrations
APPROVED

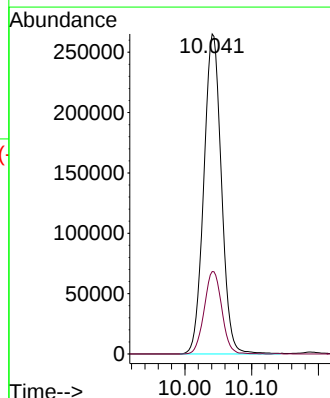
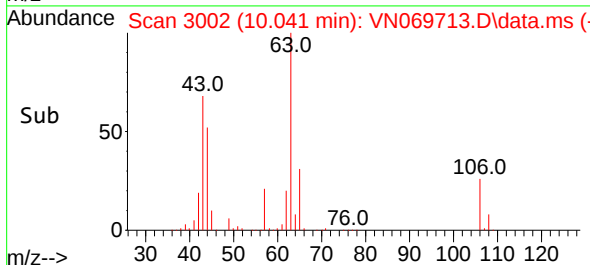
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

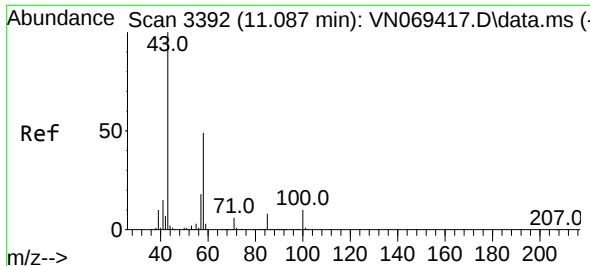


#58
2-Chloroethyl Vinyl ether
Concen: 87.772 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



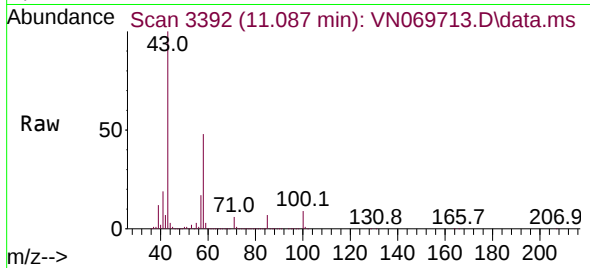
Tgt Ion: 63 Resp: 485072
Ion Ratio Lower Upper
63 100
106 25.7 23.9 35.9





#59
2-Hexanone
Concen: 94.762 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

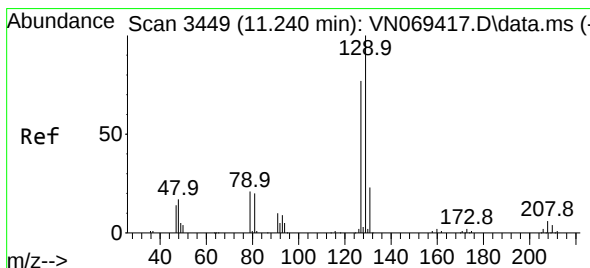
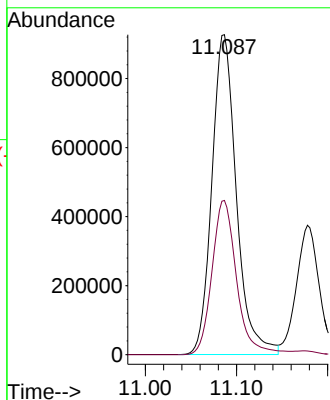
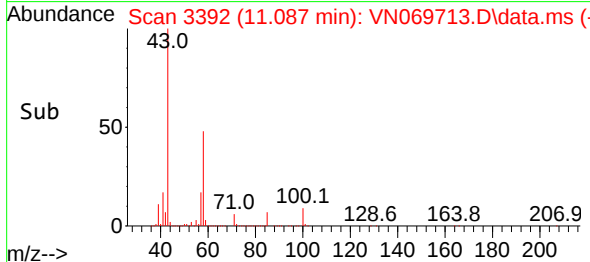
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 43 Resp: 172923
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

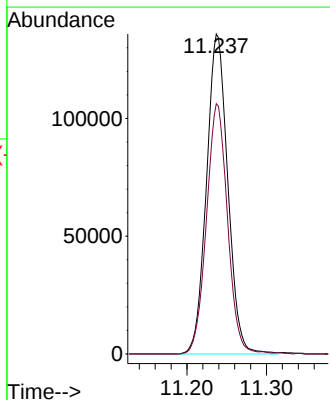
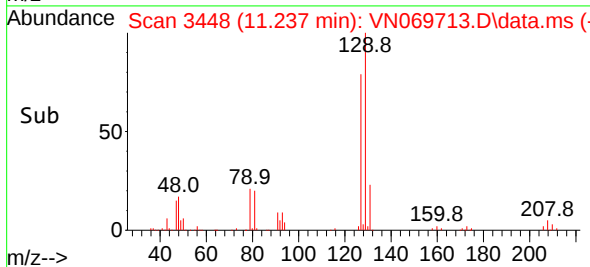
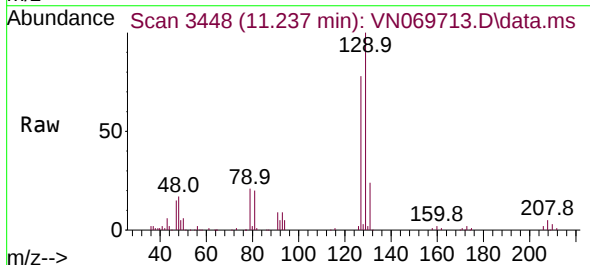
Manual Integrations
APPROVED

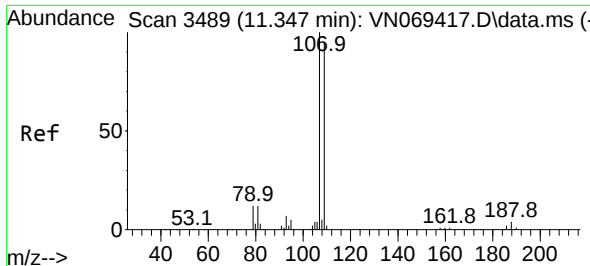
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 20.062 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

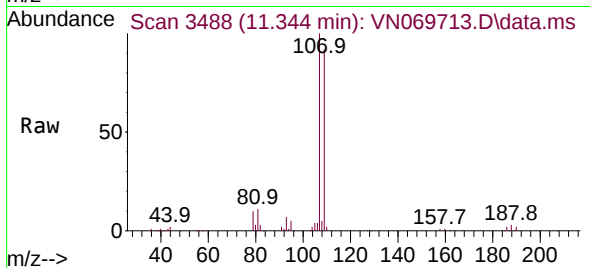
Tgt Ion:129 Resp: 252894
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.964 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

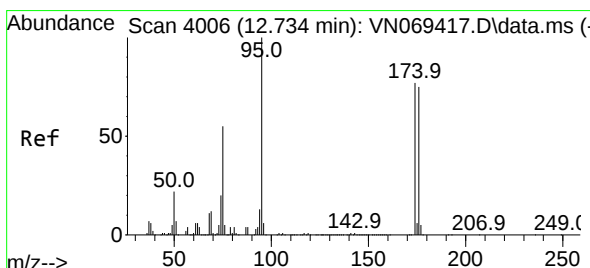
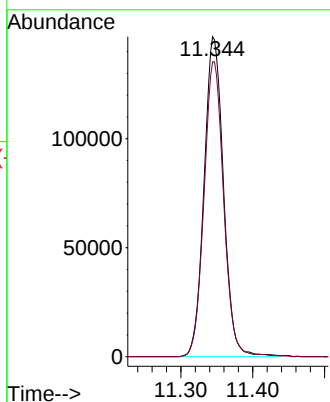
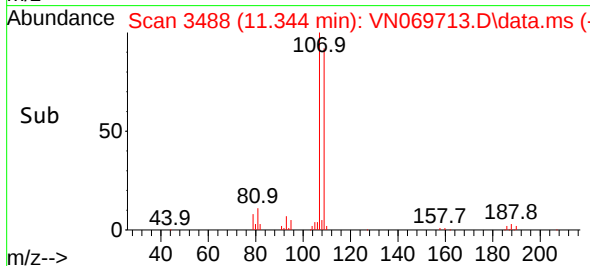
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:107 Resp: 276020
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

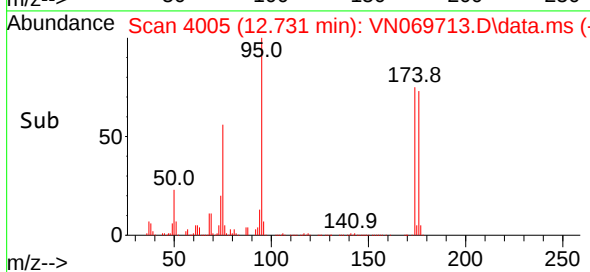
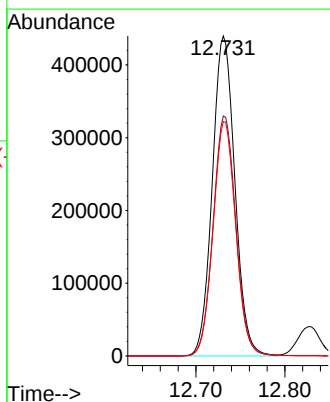
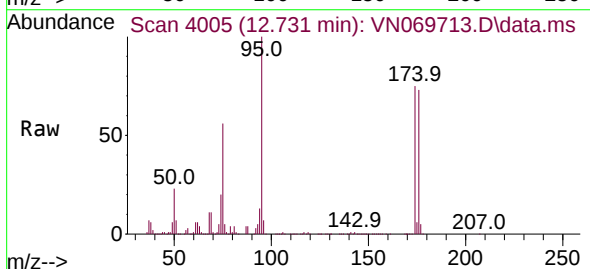
Manual Integrations
APPROVED

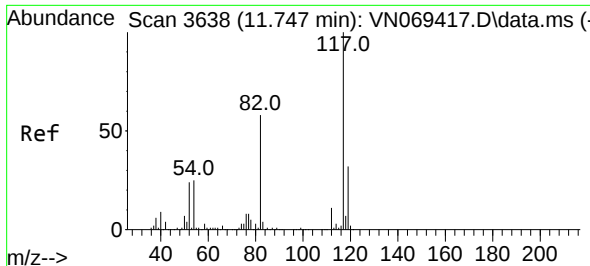
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 48.021 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

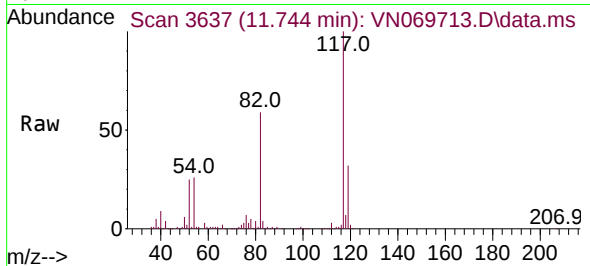
Tgt Ion: 95 Resp: 775969
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

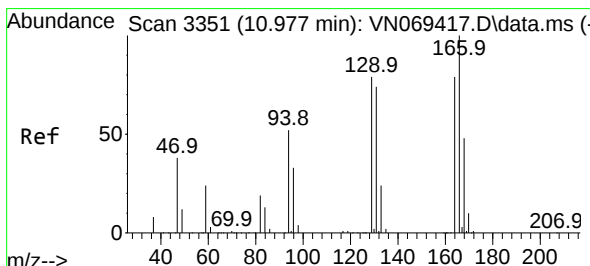
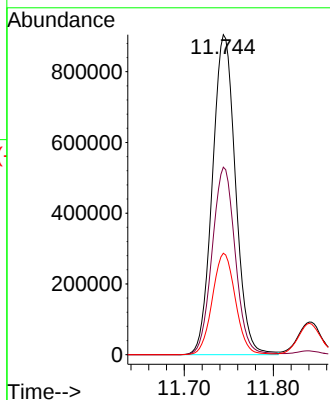
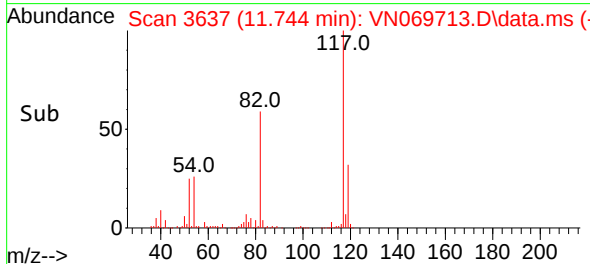
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:117 Resp: 1631790
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.7 25.4 38.2

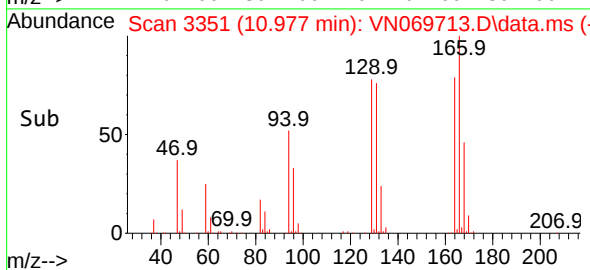
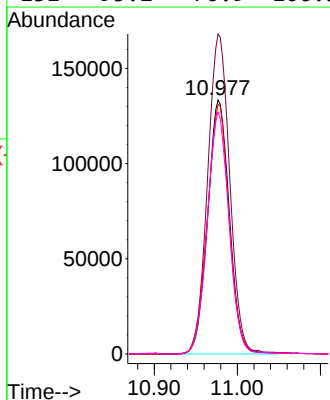
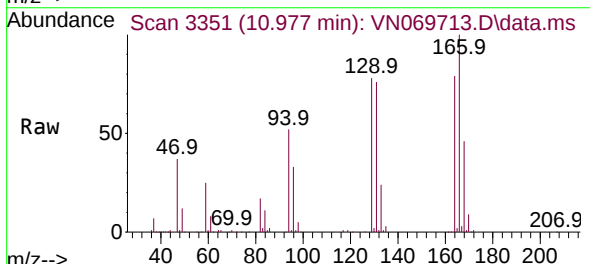
Manual Integrations
APPROVED

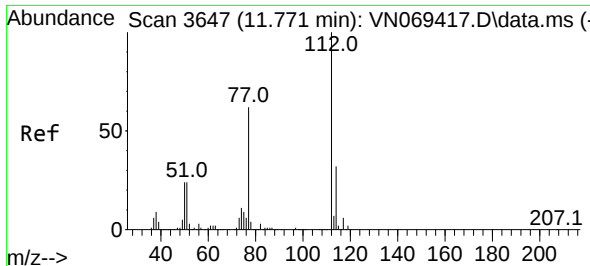
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 21.909 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

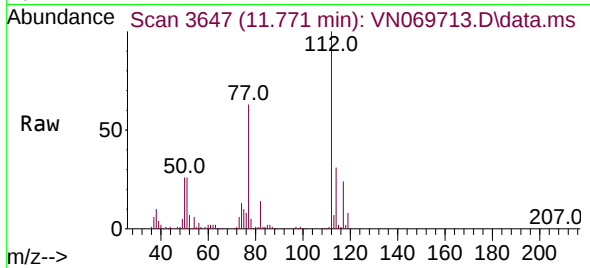
Tgt Ion:164 Resp: 242412
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 98.4 72.0 108.0
131 95.2 70.9 106.3





#65
Chlorobenzene
Concen: 20.993 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

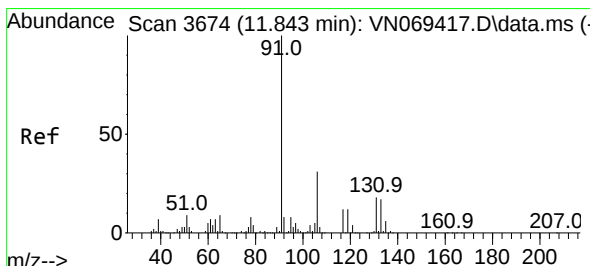
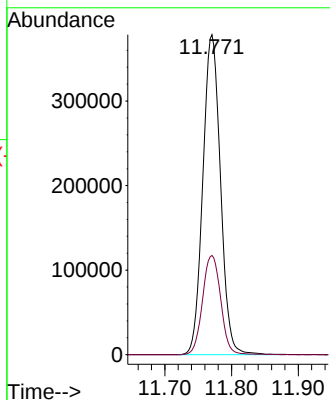
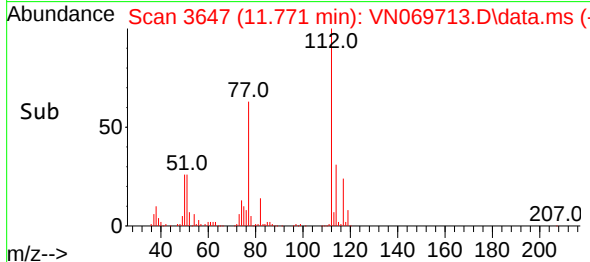
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



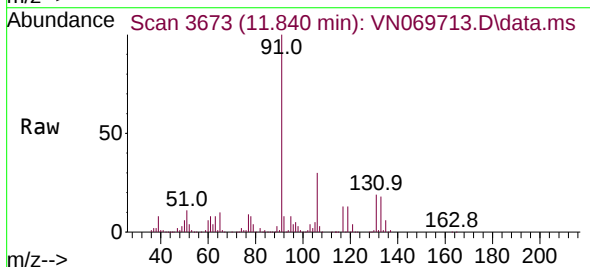
Tgt Ion:112 Resp: 694950
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

Manual Integrations
APPROVED

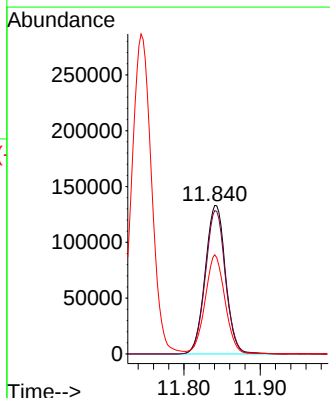
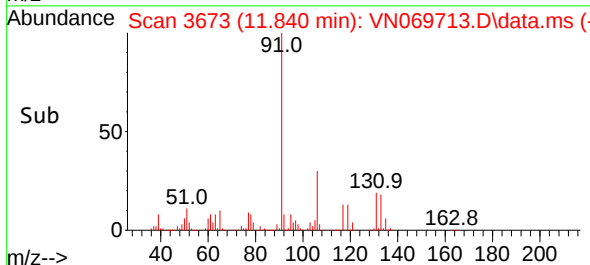
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

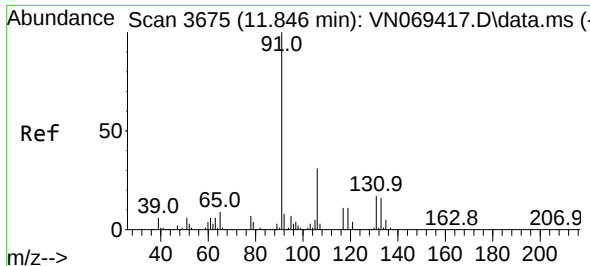


#66
1,1,1,2-Tetrachloroethane
Concen: 21.168 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



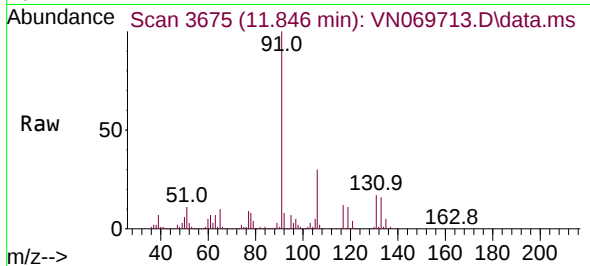
Tgt Ion:131 Resp: 246643
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 21.782 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

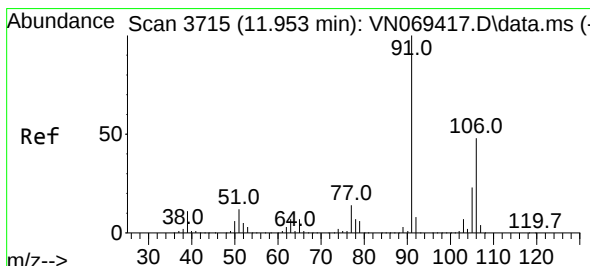
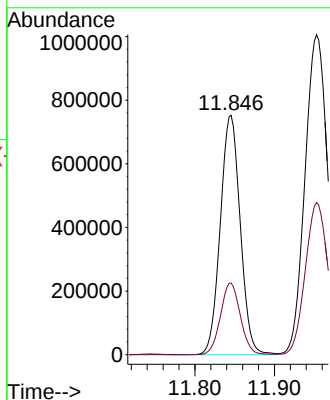
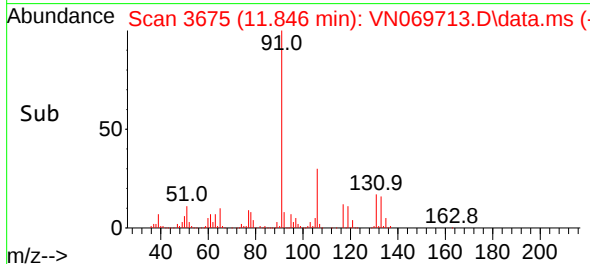
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



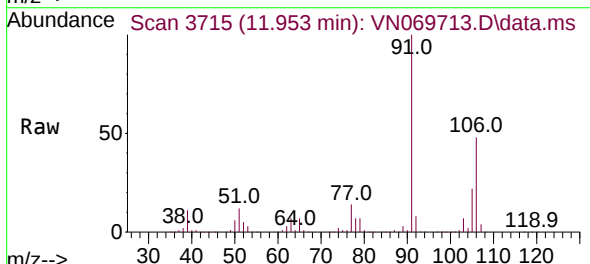
Tgt Ion: 91 Resp: 1309792
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
APPROVED

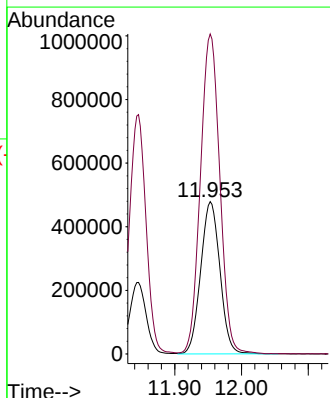
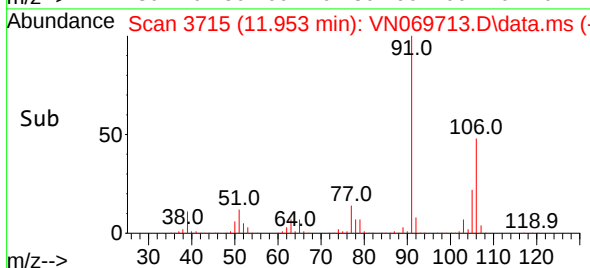
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

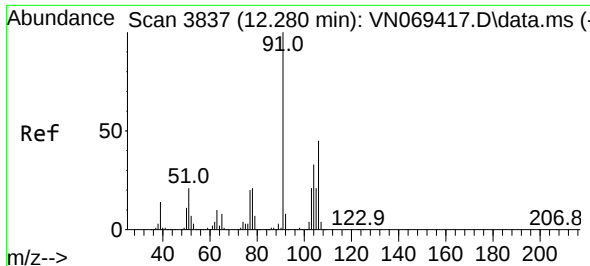


#68
m/p-Xylenes
Concen: 43.771 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



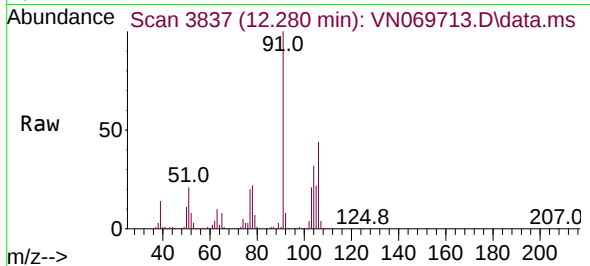
Tgt Ion:106 Resp: 958356
Ion Ratio Lower Upper
106 100
91 211.6 160.6 240.8





#69
o-Xylene
Concen: 21.606 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

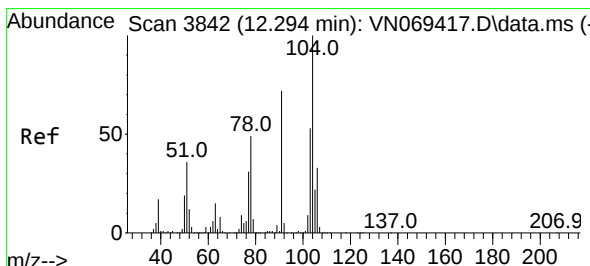
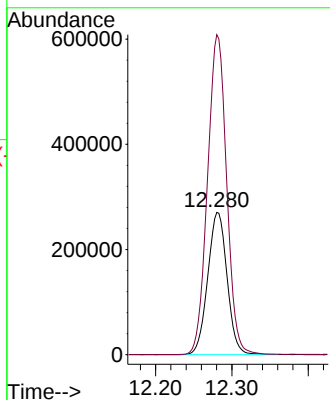
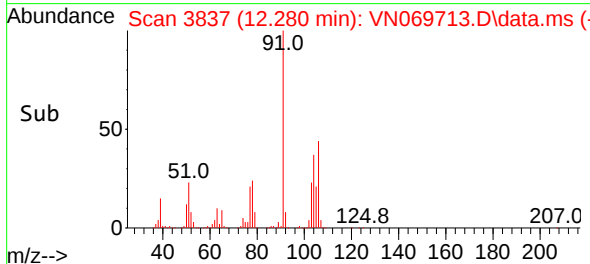
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:106 Resp: 476490
Ion Ratio Lower Upper
106 100
91 222.7 105.8 317.3

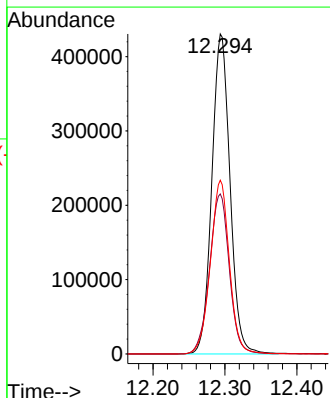
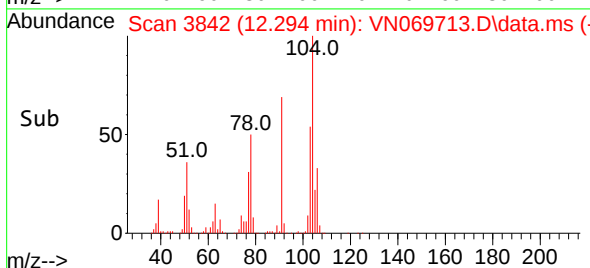
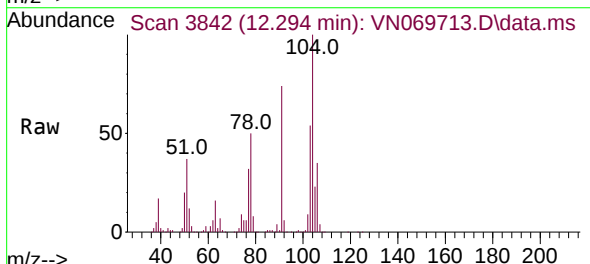
Manual Integrations
APPROVED

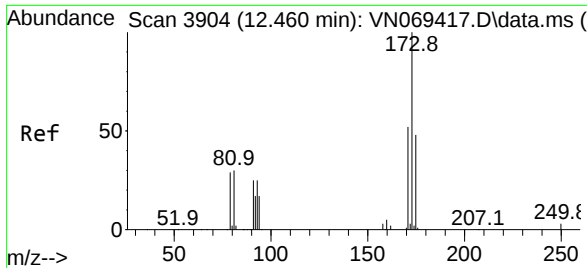
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 21.598 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

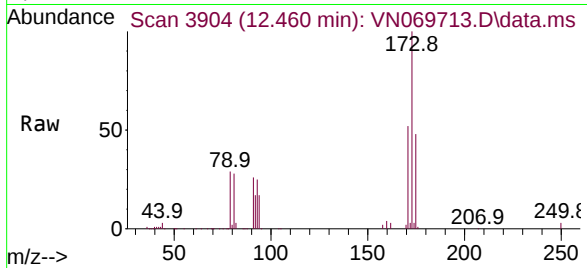
Tgt Ion:104 Resp: 755319
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 56.7 45.0 67.6





#71
Bromoform
Concen: 19.417 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

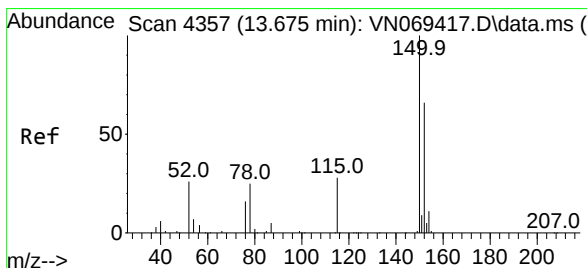
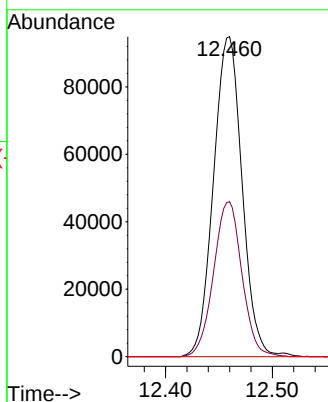
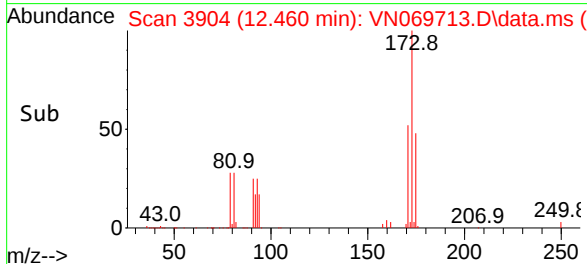
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



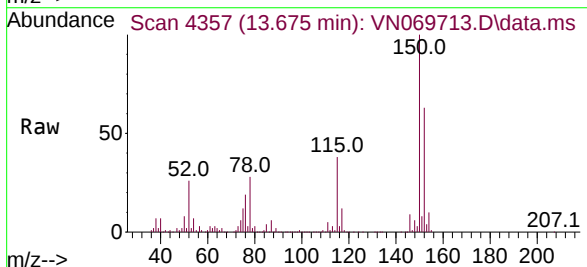
Tgt Ion:173 Resp: 17589
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

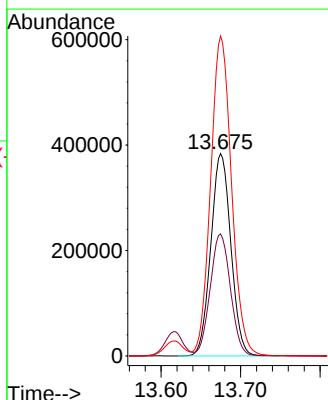
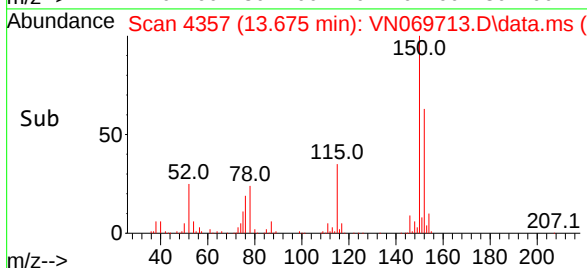
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

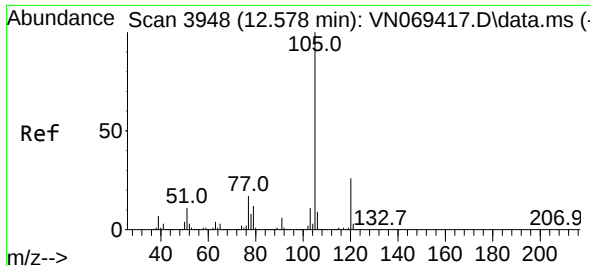


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



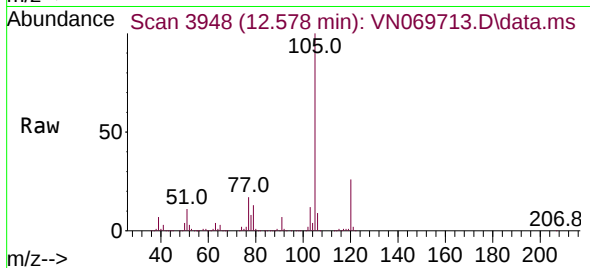
Tgt Ion:152 Resp: 674418
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 164.6 0.0 344.4





#73
Isopropylbenzene
Concen: 20.607 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

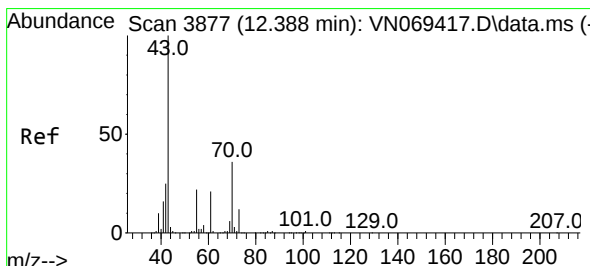
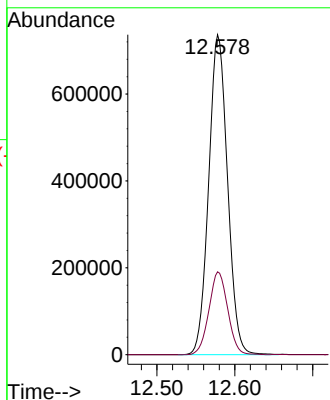
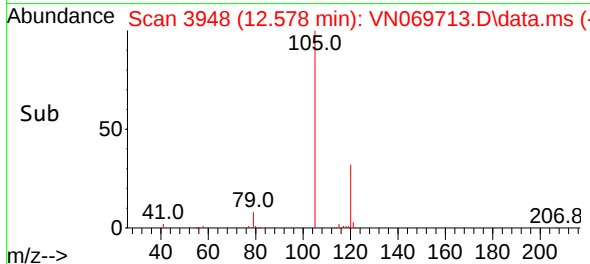
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



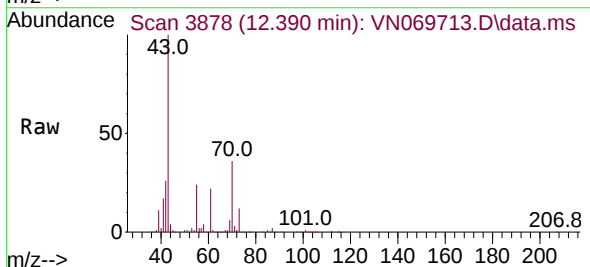
Tgt Ion:105 Resp: 123653
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

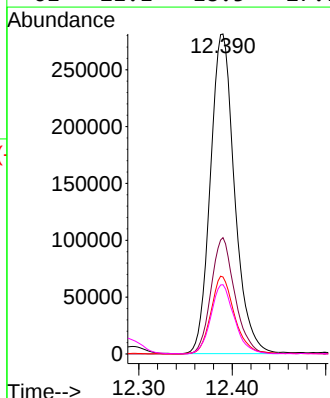
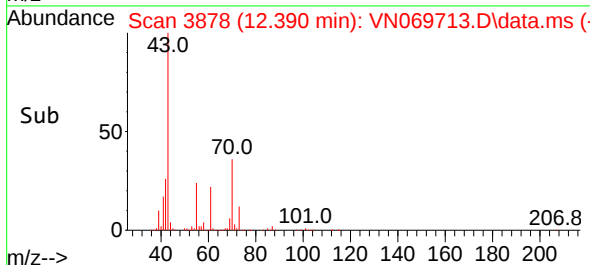
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

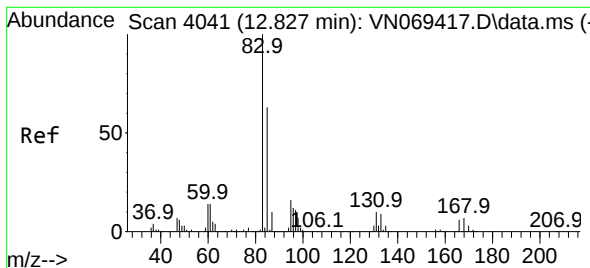


#74
N-ethyl acetate
Concen: 19.066 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



Tgt Ion: 43 Resp: 505943
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 23.8 19.3 28.9
61 21.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.127 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069713.D

Acq: 3 Dec 2021 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

Tgt Ion: 83 Resp: 417630

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.5

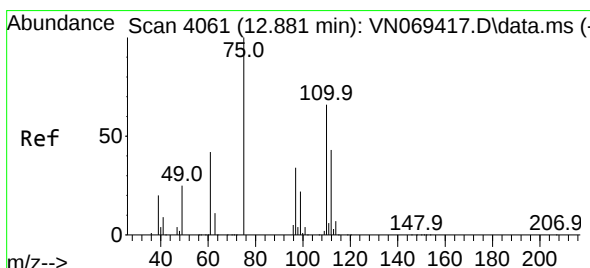
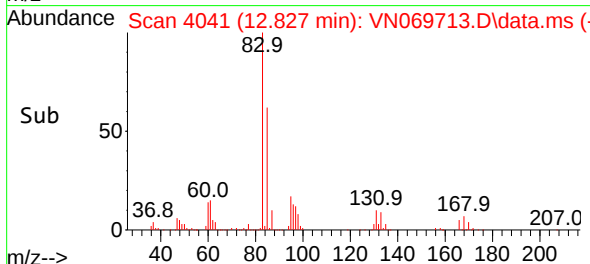
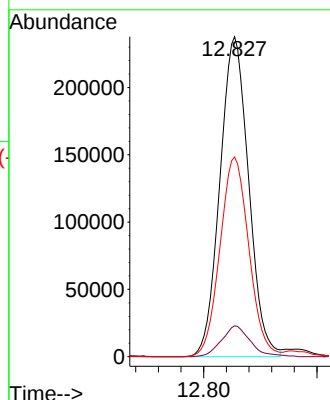
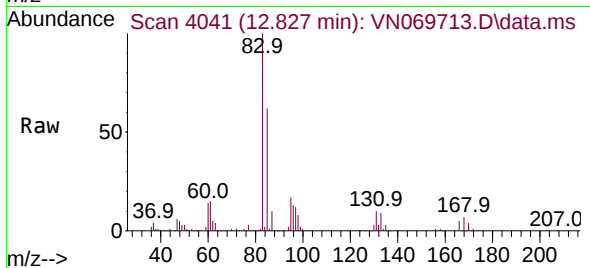
85 62.9 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#76

1,2,3-Trichloropropane

Concen: 18.606 ug/l m

RT: 12.881 min Scan# 4061

Delta R.T. 0.000 min

Lab File: VN069713.D

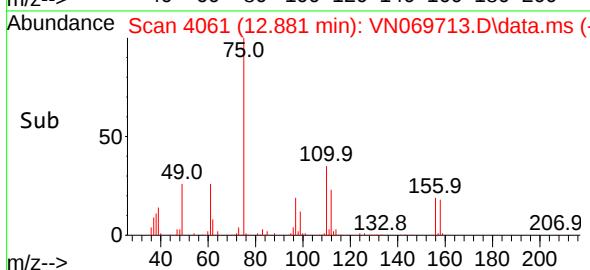
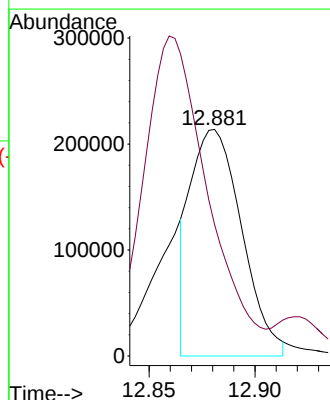
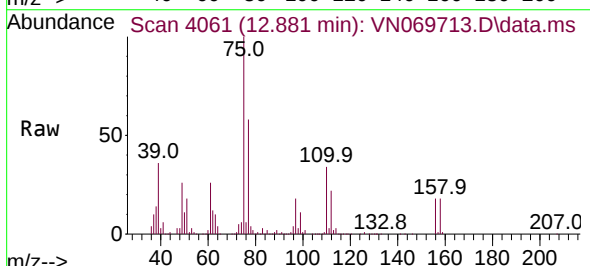
Acq: 3 Dec 2021 12:35

Tgt Ion: 75 Resp: 359847

Ion Ratio Lower Upper

75 100

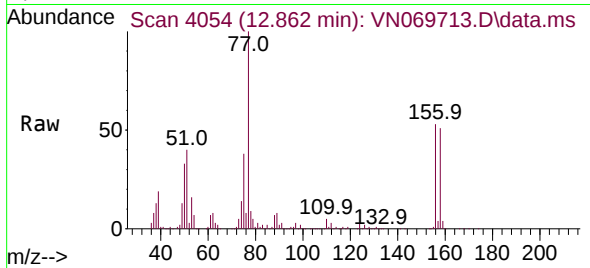
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 20.188 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

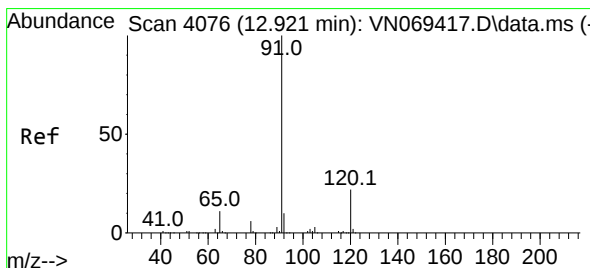
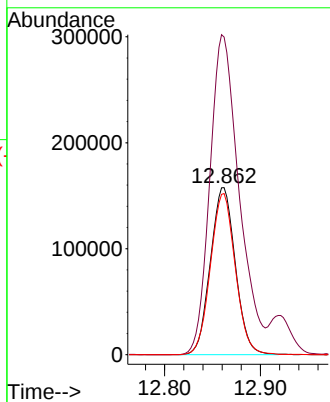
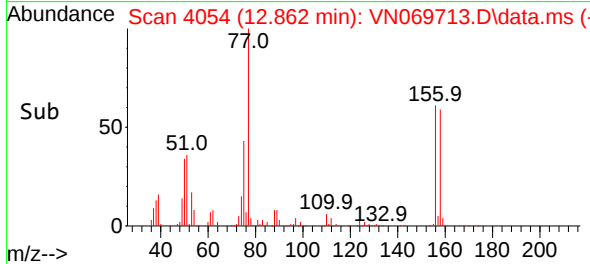
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:156 Resp: 284530
Ion Ratio Lower Upper
156 100
77 225.0 90.6 271.8
158 96.1 48.9 146.7

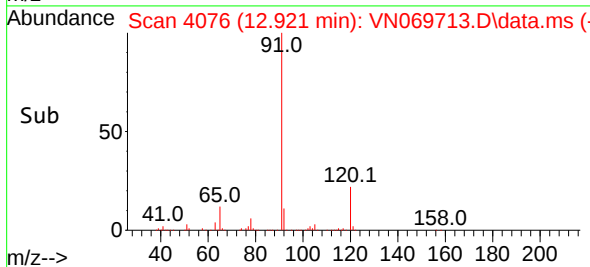
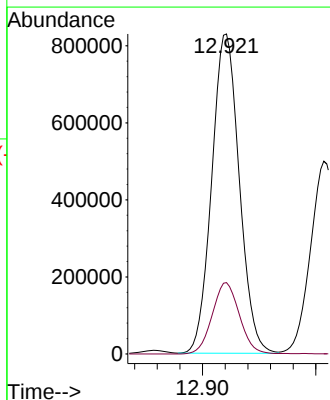
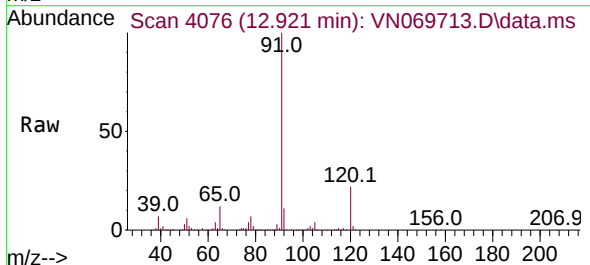
Manual Integrations
APPROVED

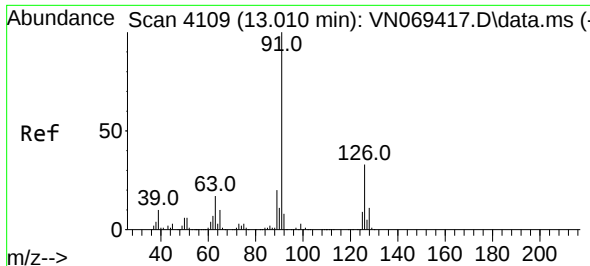
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 20.948 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion: 91 Resp: 1398751
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





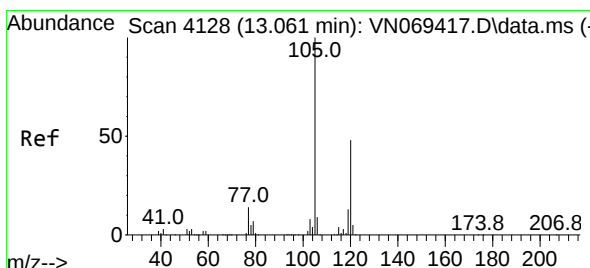
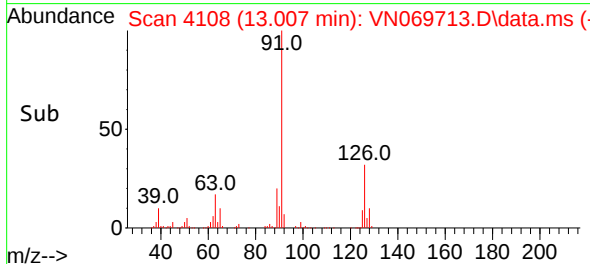
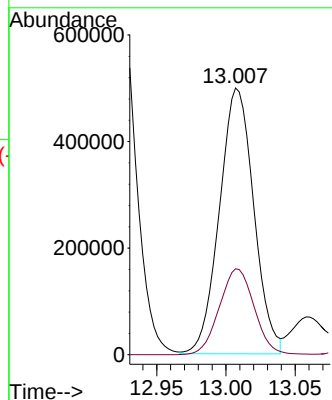
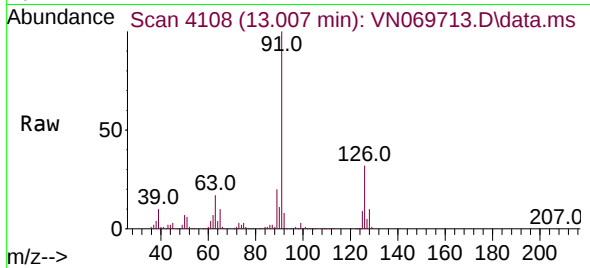
#79
2-Chlorotoluene
Concen: 20.444 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 91 Resp: 86256
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

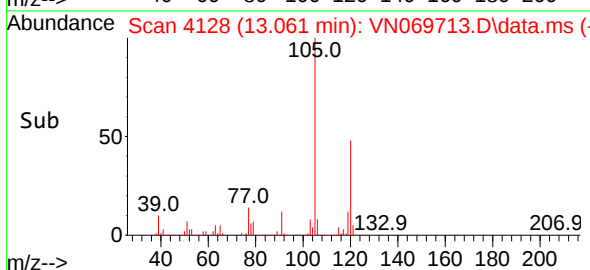
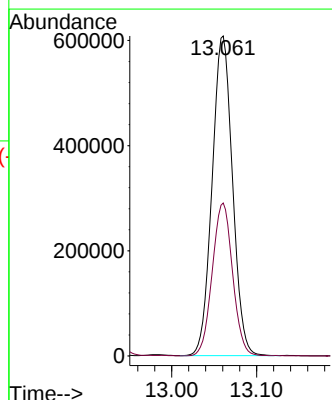
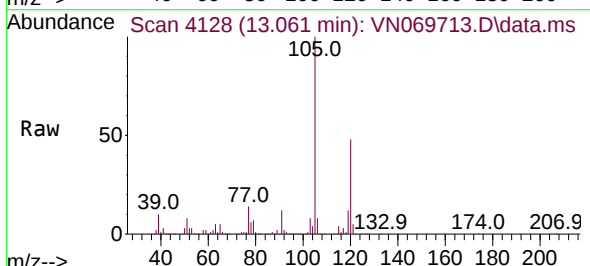
Manual Integrations
APPROVED

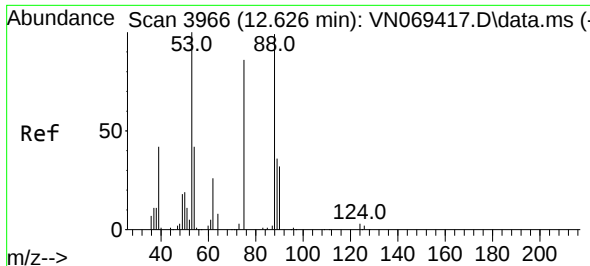
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.013 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Tgt Ion:105 Resp: 1014873
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





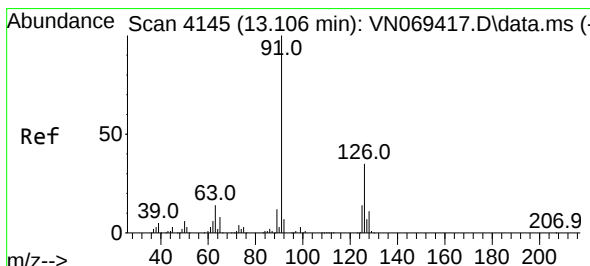
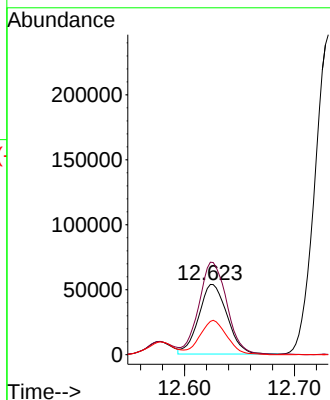
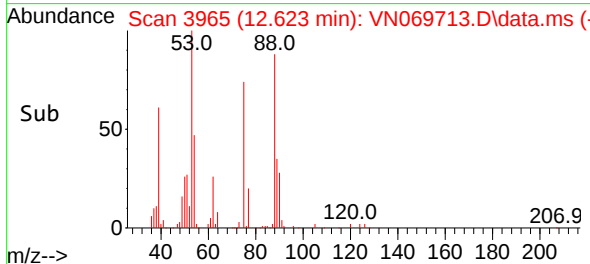
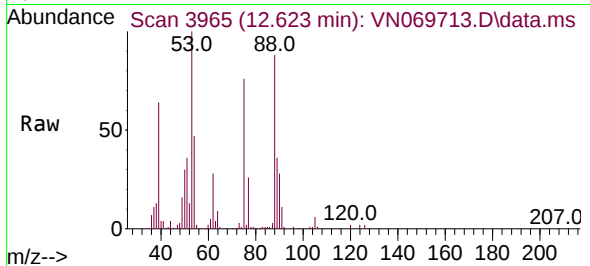
#81
trans-1,4-Dichloro-2-butene
Concen: 19.010 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tgt Ion: 75 Resp: 96149
Ion Ratio Lower Upper
75 100
53 131.3 90.5 135.7
89 46.8 38.2 57.4

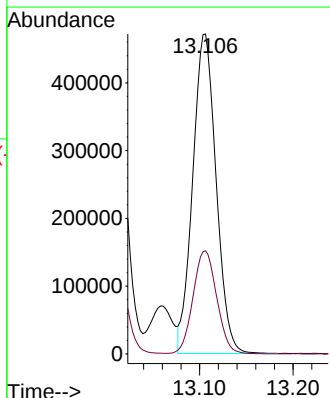
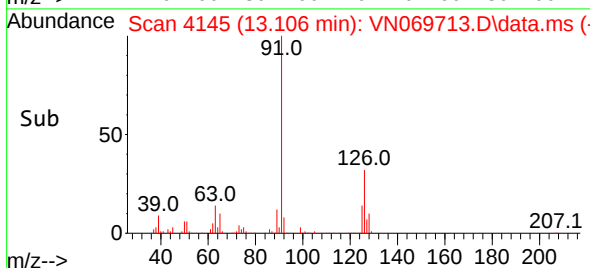
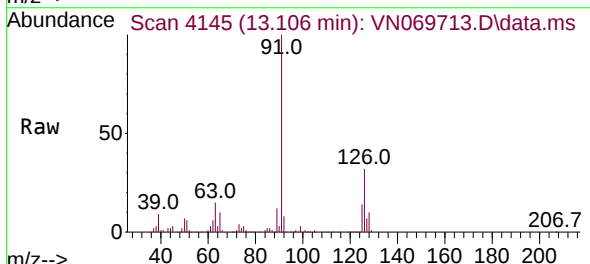
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 20.622 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

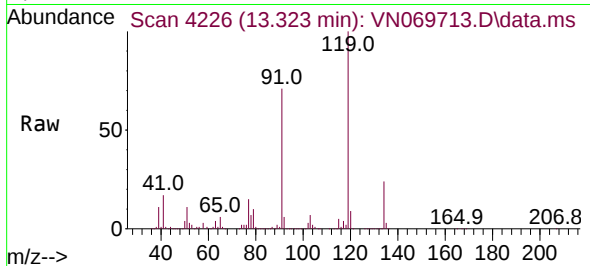
Tgt Ion: 91 Resp: 818237
Ion Ratio Lower Upper
91 100
126 32.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.694 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

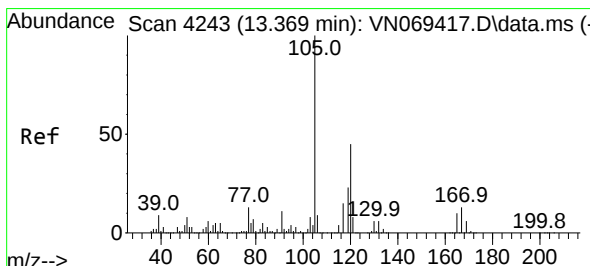
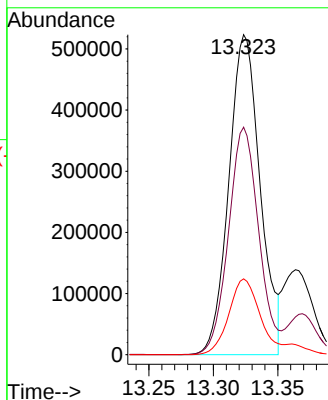
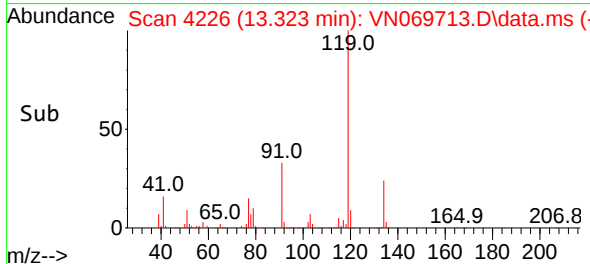
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



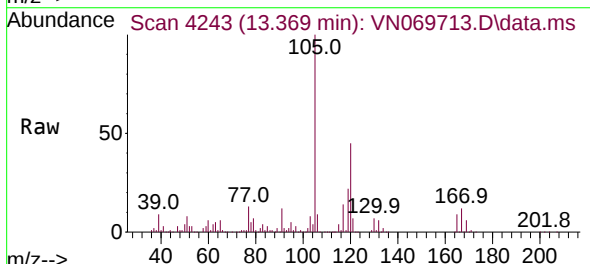
Tgt Ion:119 Resp: 884992
Ion Ratio Lower Upper
119 100
91 69.1 31.5 94.5
134 23.9 12.4 37.4

Manual Integrations
APPROVED

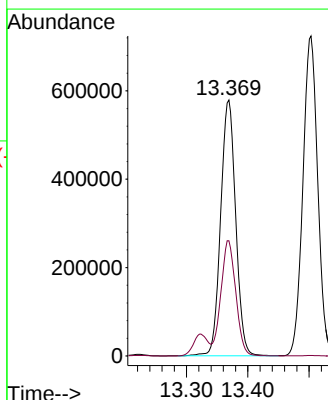
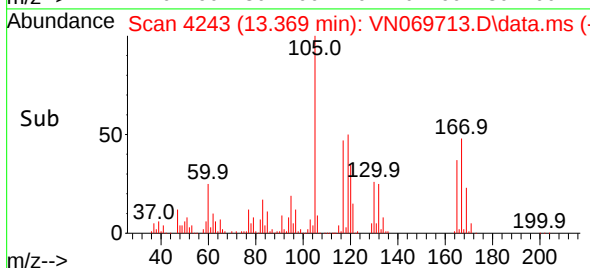
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 21.491 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



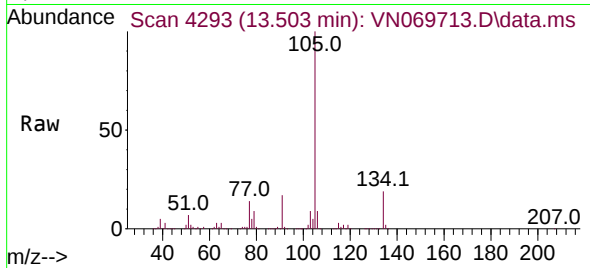
Tgt Ion:105 Resp: 988505
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.876 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069713.D
 Acq: 3 Dec 2021 12:35

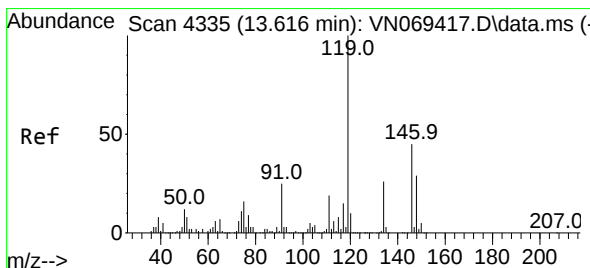
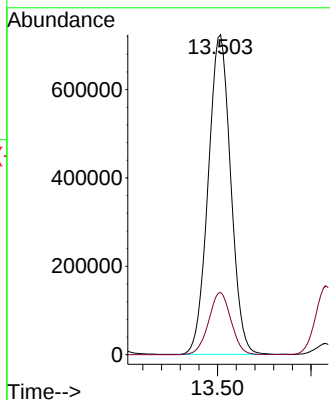
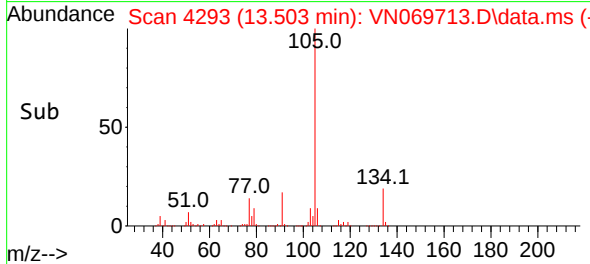
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01



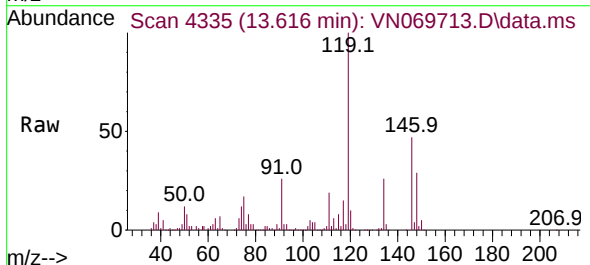
Tgt Ion:105 Resp: 1210930
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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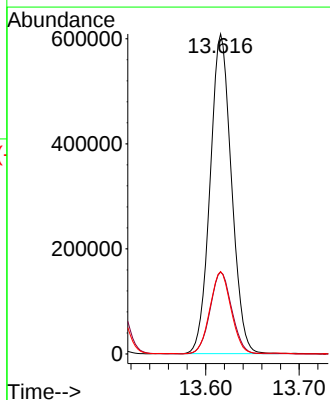
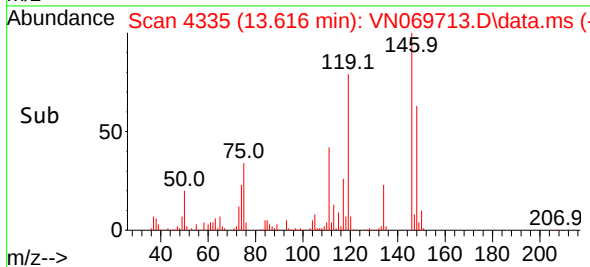
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

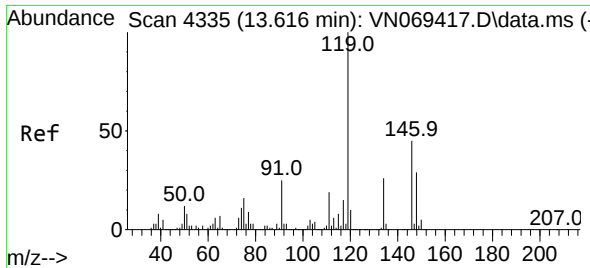


#86
 p-Isopropyltoluene
 Concen: 21.294 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069713.D
 Acq: 3 Dec 2021 12:35



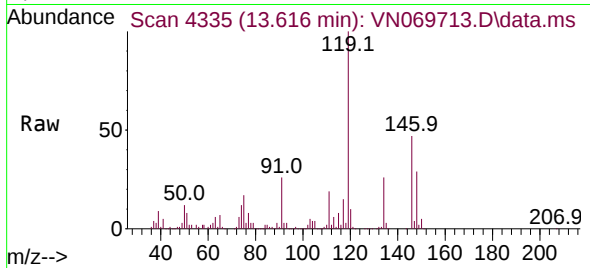
Tgt Ion:119 Resp: 965512
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 21.015 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

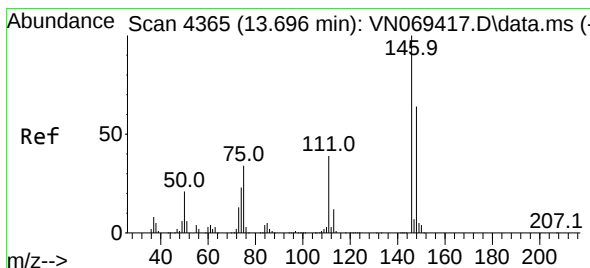
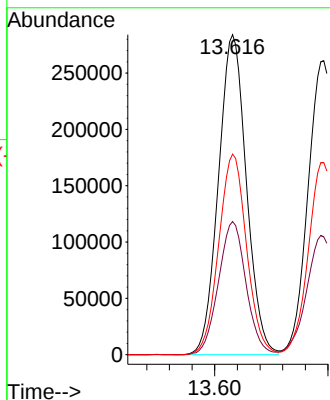
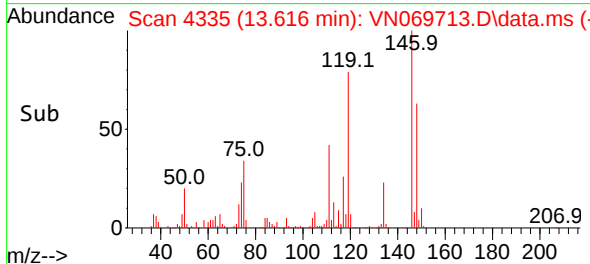
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



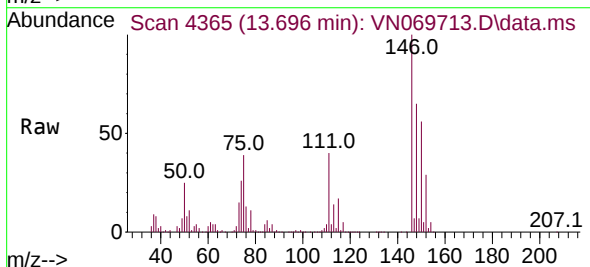
Tgt Ion:146 Resp: 48658
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 62.5 31.6 95.0

Manual Integrations
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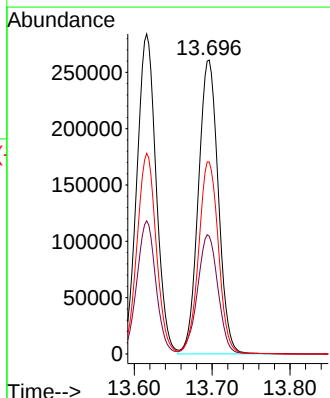
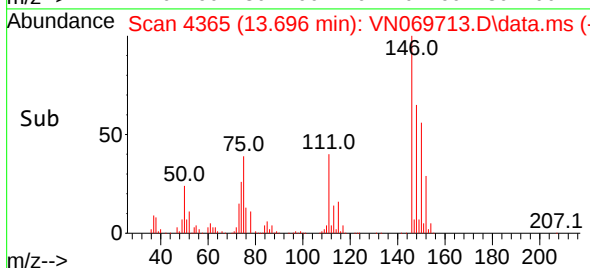
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 20.426 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



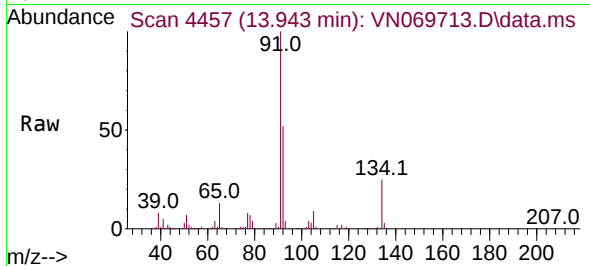
Tgt Ion:146 Resp: 464793
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 20.460 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

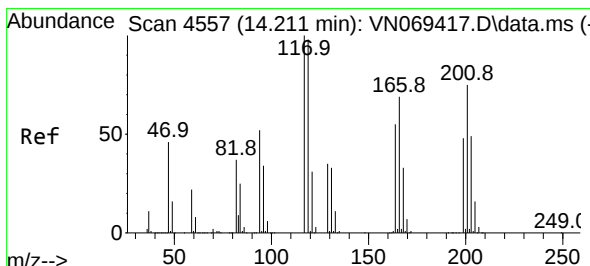
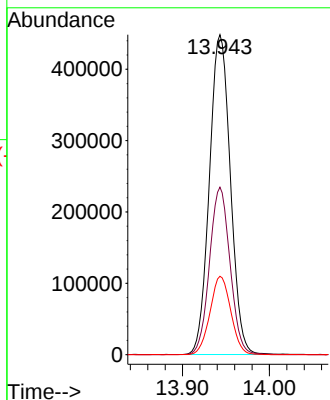
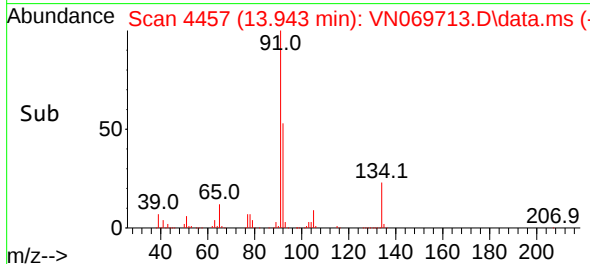
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion: 91 Resp: 752530
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.3 13.6 40.8

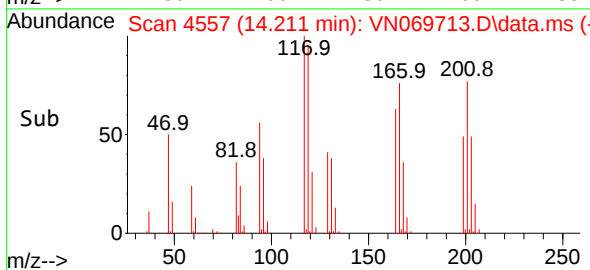
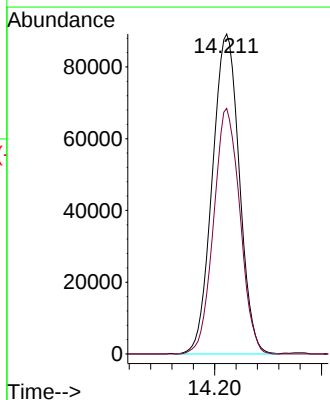
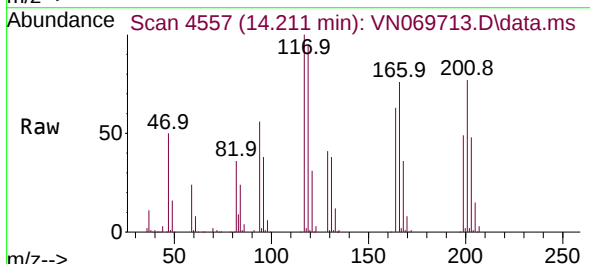
Manual Integrations
APPROVED

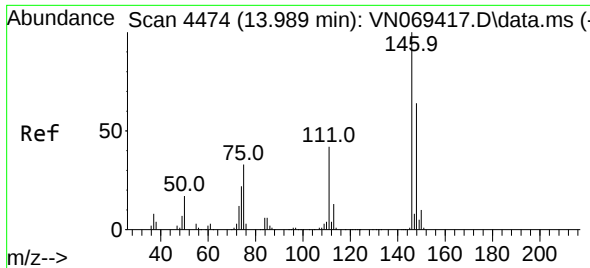
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 19.690 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

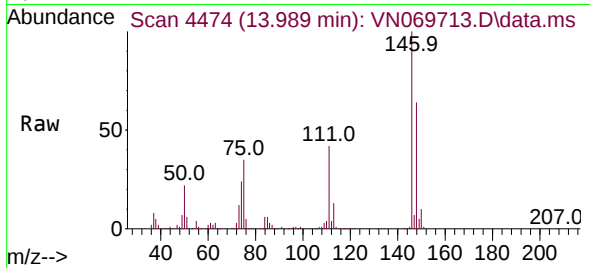
Tgt Ion:117 Resp: 156747
Ion Ratio Lower Upper
117 100
201 74.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.807 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

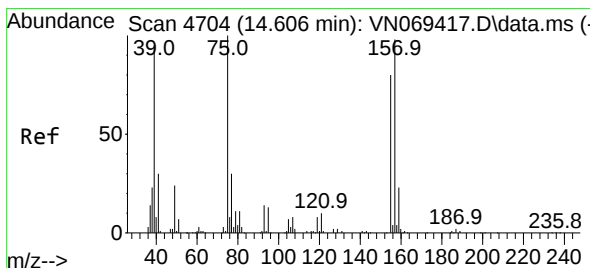
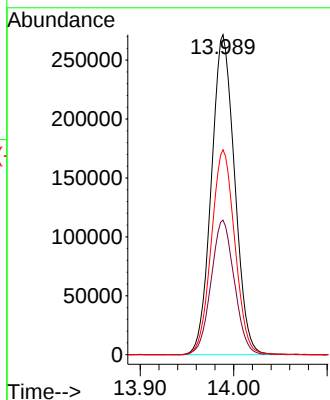
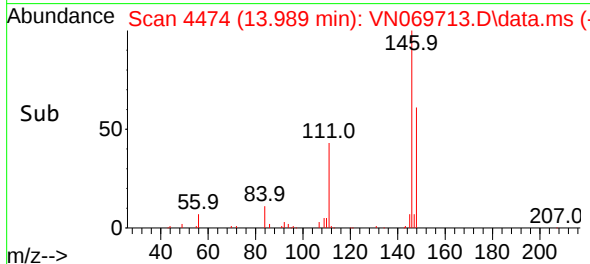
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



Tgt Ion:146 Resp: 469409
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 64.8 32.1 96.3

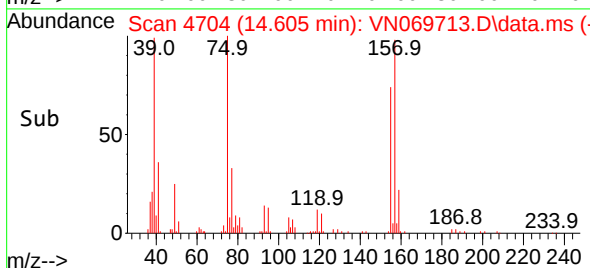
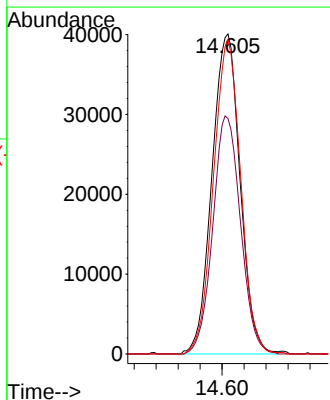
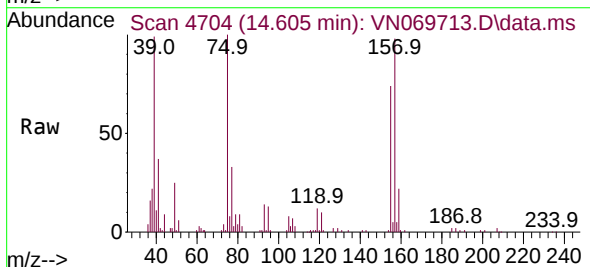
Manual Integrations
APPROVED

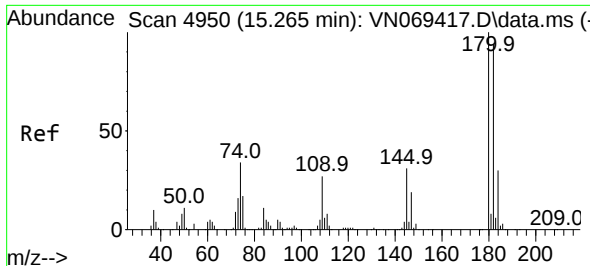
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.973 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

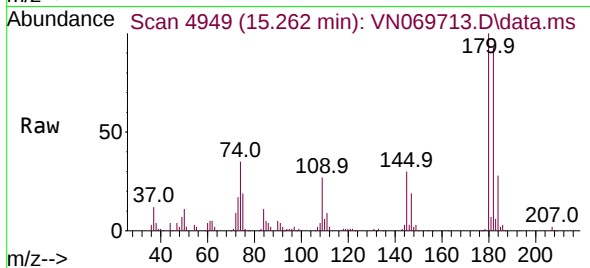
Tgt Ion: 75 Resp: 71138
Ion Ratio Lower Upper
75 100
155 73.3 46.9 140.7
157 95.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.161 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

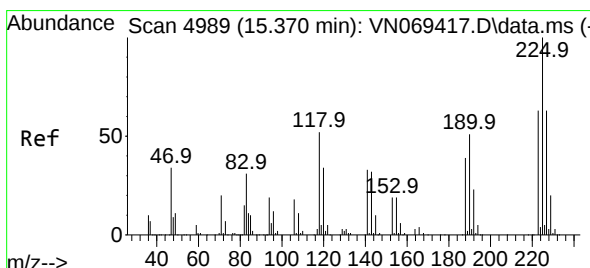
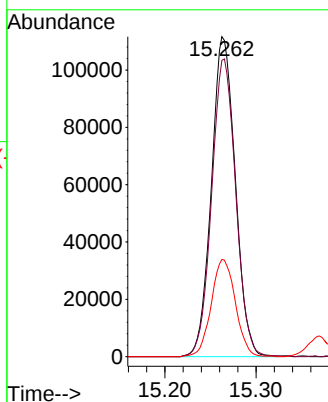
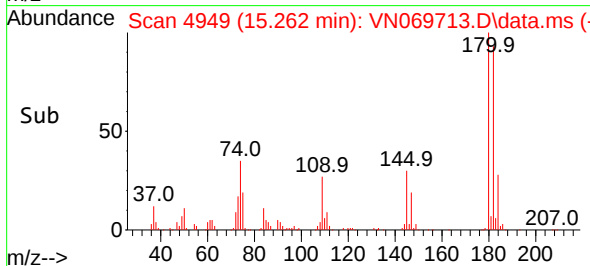
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



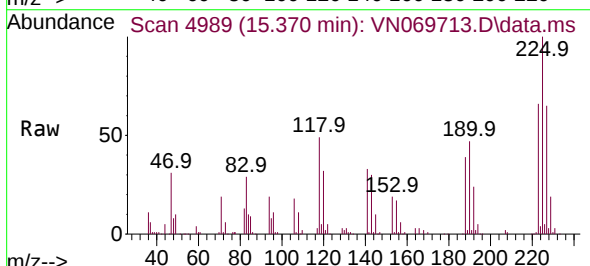
Tgt Ion:180 Resp: 202918
Ion Ratio Lower Upper
180 100
182 93.8 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
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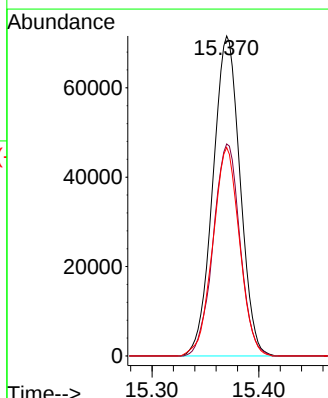
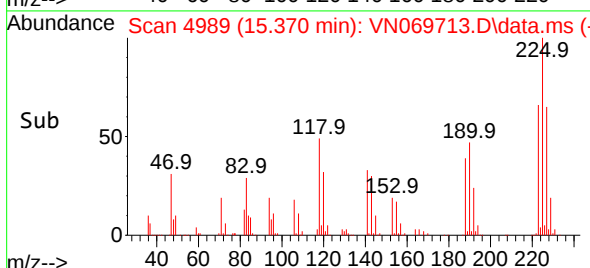
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

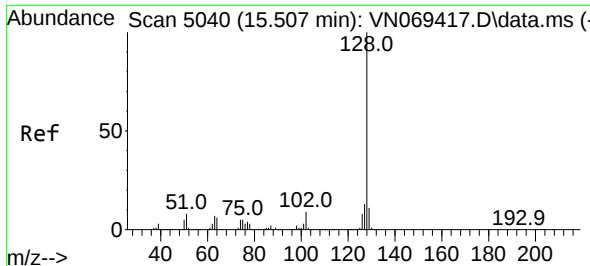


#94
Hexachlorobutadiene
Concen: 21.162 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



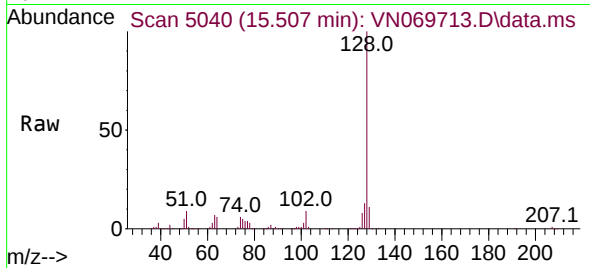
Tgt Ion:225 Resp: 126527
Ion Ratio Lower Upper
225 100
223 65.5 31.9 95.7
227 64.1 32.1 96.3





#95
Naphthalene
Concen: 18.299 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35

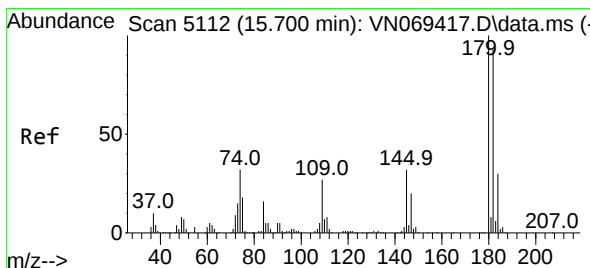
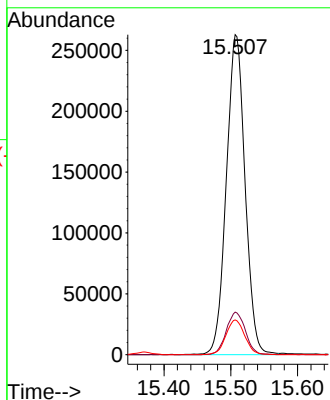
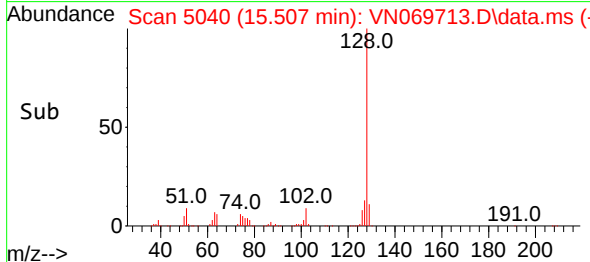
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01



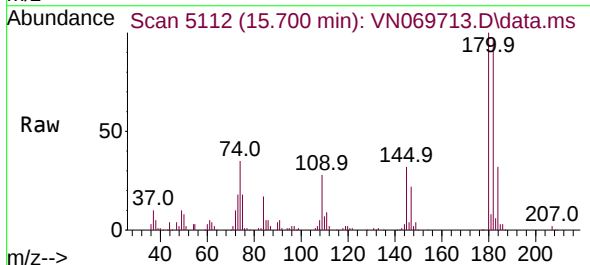
Tgt Ion:128 Resp: 51262
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.607 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069713.D
Acq: 3 Dec 2021 12:35



Tgt Ion:180 Resp: 194652
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 32.8 15.0 45.1

