

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070508.D
 Acq On : 6 Jan 2022 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 08 01:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	935473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1497797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1411692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	618656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	616413	45.829	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.660%		
35) Dibromofluoromethane	8.019	113	457564	50.490	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.980%		
50) Toluene-d8	10.438	98	1878170	50.733	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.460%		
62) 4-Bromofluorobenzene	12.728	95	698644	52.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	478880	45.140	ug/l	99
3) Chloromethane	2.303	50	676561	46.882	ug/l	100
4) Vinyl Chloride	2.448	62	602060	45.822	ug/l	98
5) Bromomethane	2.850	94	325957	48.065	ug/l	97
6) Chloroethane	3.019	64	370096	46.773	ug/l	96
7) Trichlorofluoromethane	3.379	101	739150	46.739	ug/l	98
8) Diethyl Ether	3.824	74	345258	49.524	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.210	101	493277	50.997	ug/l	94
10) Methyl Iodide	4.419	142	633599	48.402	ug/l	98
11) Tert butyl alcohol	5.371	59	499658	223.107	ug/l	97
12) 1,1-Dichloroethene	4.181	96	464223	48.725	ug/l	93
13) Acrolein	4.041	56	371458	204.419	ug/l	98
14) Allyl chloride	4.838	41	1095496	50.716	ug/l #	84
15) Acrylonitrile	5.551	53	1818631	260.229	ug/l	98
16) Acetone	4.283	43	2233878	255.846	ug/l	98
17) Carbon Disulfide	4.529	76	1210720	46.555	ug/l	99
18) Methyl Acetate	4.851	43	1235008	48.898	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1783890	50.418	ug/l	93
20) Methylene Chloride	5.093	84	590343	48.868	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	500840	49.649	ug/l	87
22) Diisopropyl ether	6.493	45	2233338	53.083	ug/l #	92
23) Vinyl Acetate	6.431	43	8533606	261.421	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1096084	50.244	ug/l	98
25) 2-Butanone	7.332	43	2881907	262.138	ug/l	91
26) 2,2-Dichloropropane	7.321	77	818583	47.565	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	612465	50.883	ug/l	87
28) Bromochloromethane	7.654	49	521869	48.915	ug/l #	76
29) Tetrahydrofuran	7.681	42	1677680	255.771	ug/l	86
30) Chloroform	7.815	83	1038414	49.341	ug/l	99
31) Cyclohexane	8.091	56	1050448	49.491	ug/l	85
32) 1,1,1-Trichloroethane	8.011	97	837179	47.178	ug/l	96
36) 1,1-Dichloropropene	8.220	75	780591	52.068	ug/l	96
37) Ethyl Acetate	7.407	43	987670	50.826	ug/l	97
38) Carbon Tetrachloride	8.204	117	686928	47.985	ug/l	99
39) Methylcyclohexane	9.456	83	965292	53.185	ug/l	89
40) Benzene	8.456	78	2413607	52.514	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	528709	54.396	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	848275	49.103	ug/l	99
43) Isopropyl Acetate	8.558	43	1585349	51.745	ug/l #	95
44) Trichloroethene	9.215	130	560475	51.322	ug/l	93
45) 1,2-Dichloropropane	9.486	63	680618	55.000	ug/l	100
46) Dibromomethane	9.574	93	396773	51.563	ug/l	95
47) Bromodichloromethane	9.759	83	800916	52.419	ug/l	99
48) Methyl methacrylate	9.555	41	793978	54.331	ug/l #	79
49) 1,4-Dioxane	9.566	88	218070	1019.404	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	5202629	270.247	ug/l	97
52) Toluene	10.502	92	1507592	54.191	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	883603	53.419	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	983199	54.948	ug/l	96
55) 1,1,2-Trichloroethane	10.894	97	586896	53.319	ug/l	98
56) Ethyl methacrylate	10.757	69	991078	54.492	ug/l	88
57) 1,3-Dichloropropane	11.041	76	1048597	53.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1104950	238.745	ug/l	90
59) 2-Hexanone	11.081	43	3945542	281.042	ug/l	95
60) Dibromochloromethane	11.234	129	578991	53.912	ug/l	100
61) 1,2-Dibromoethane	11.344	107	583675	52.224	ug/l	100
64) Tetrachloroethene	10.974	164	497249	48.642	ug/l	95
65) Chlorobenzene	11.768	112	1558195	52.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	544001	50.874	ug/l	98
67) Ethyl Benzene	11.843	91	2928799	53.367	ug/l	96
68) m/p-Xylenes	11.950	106	2180051	109.128	ug/l	94
69) o-Xylene	12.278	106	1078948	54.300	ug/l	94
70) Styrene	12.291	104	1786398	56.803	ug/l	97
71) Bromoform	12.455	173	425736	53.646	ug/l #	99
73) Isopropylbenzene	12.575	105	2837795	49.395	ug/l	99
74) N-amyl acetate	12.385	43	1186403	49.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	919964	48.712	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	859521m	47.097	ug/l	
77) Bromobenzene	12.857	156	644391	48.855	ug/l	78
78) n-propylbenzene	12.916	91	3310393	52.005	ug/l	96
79) 2-Chlorotoluene	13.004	91	1997280	48.901	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2329893	50.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	258680	51.086	ug/l	97
82) 4-Chlorotoluene	13.101	91	1947855	50.914	ug/l	93
83) tert-Butylbenzene	13.321	119	2031247	50.106	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	2284182	51.524	ug/l	98
85) sec-Butylbenzene	13.498	105	2875686	52.249	ug/l	97
86) p-Isopropyltoluene	13.613	119	2304791	53.309	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1124309	50.919	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1101448	50.570	ug/l	98
89) n-Butylbenzene	13.940	91	1910084	52.967	ug/l	96
90) Hexachloroethane	14.209	117	379347	50.507	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	1080552	49.919	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	151258	45.448	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	519733	50.958	ug/l	99
94) Hexachlorobutadiene	15.367	225	320039	53.991	ug/l	99
95) Naphthalene	15.504	128	1264048	45.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	492525	50.478	ug/l	98

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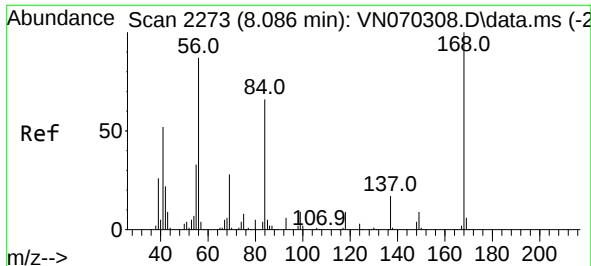
Manual Integrations
APPROVED

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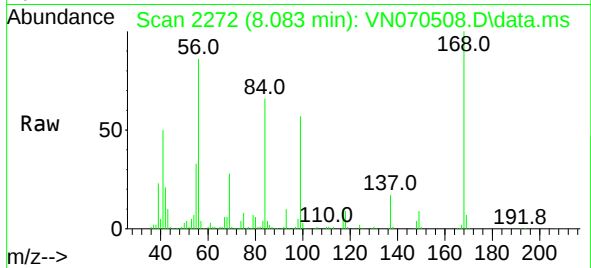
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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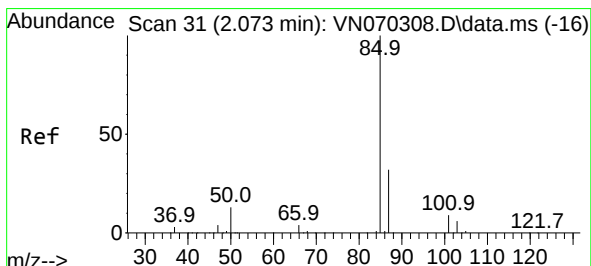
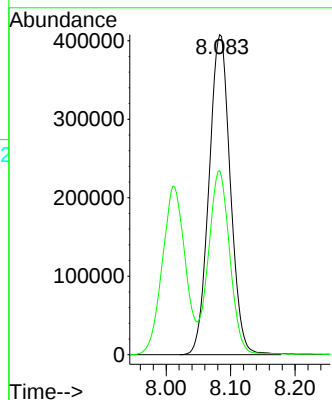
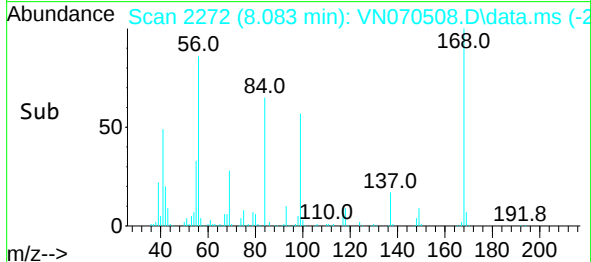
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 93547
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9

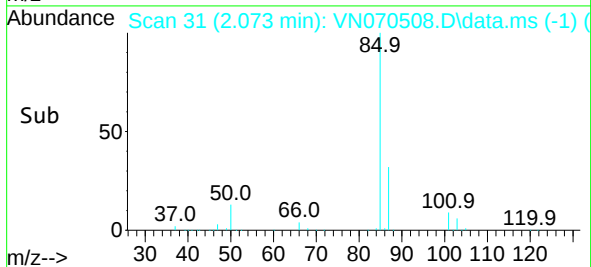
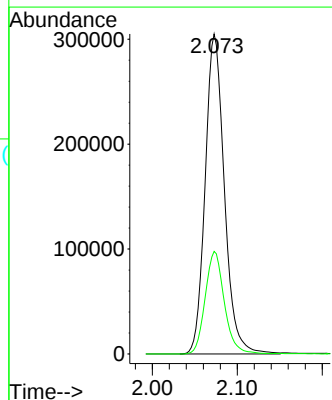
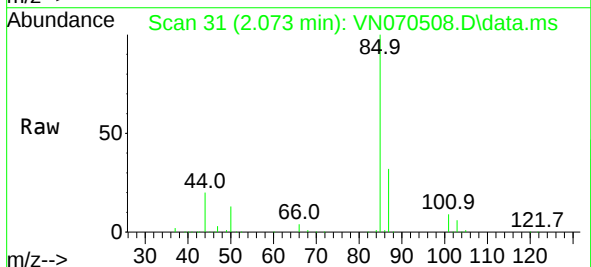
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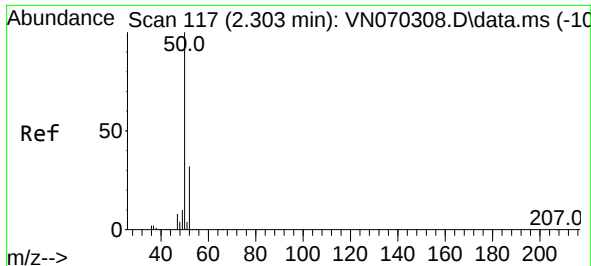
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#2
Dichlorodifluoromethane
Concen: 45.140 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

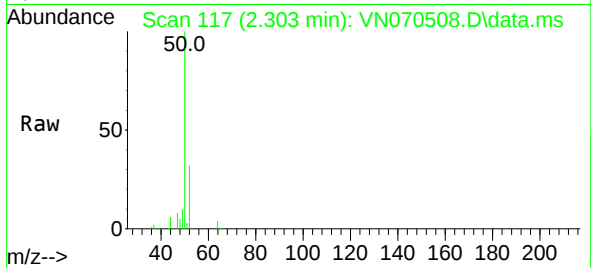
Tgt Ion: 85 Resp: 478880
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 46.882 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

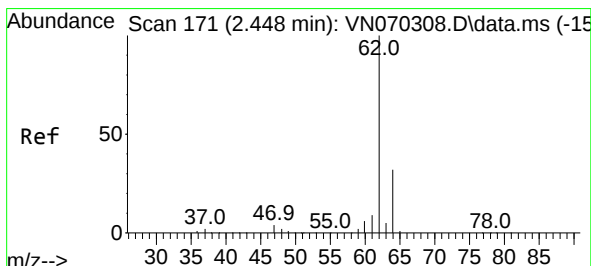
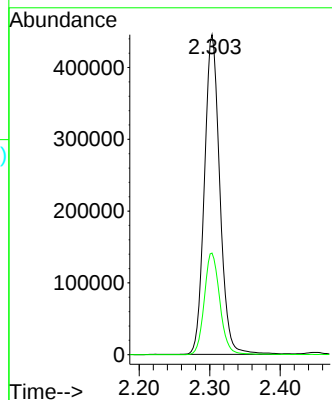
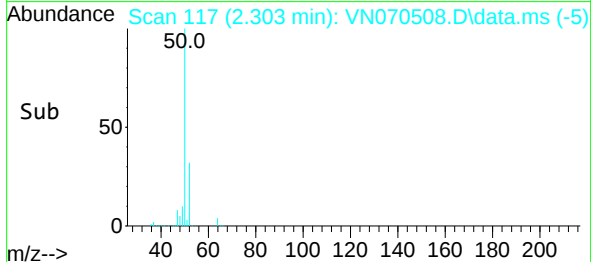
Instrument :
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ClientSampleId :
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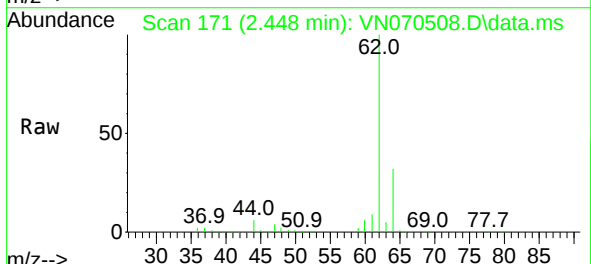
Tgt Ion: 50 Resp: 67656
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

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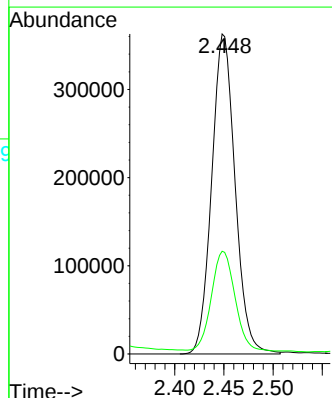
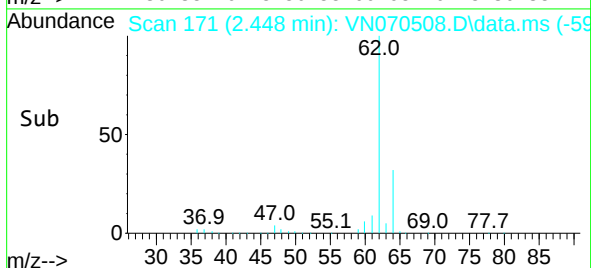
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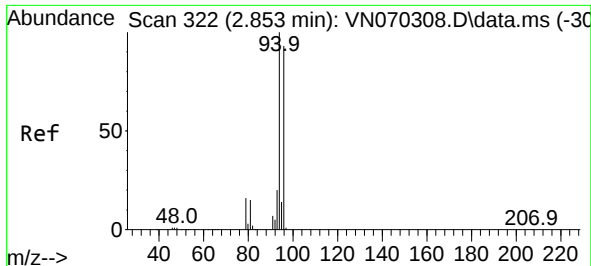


#4
Vinyl Chloride
Concen: 45.822 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



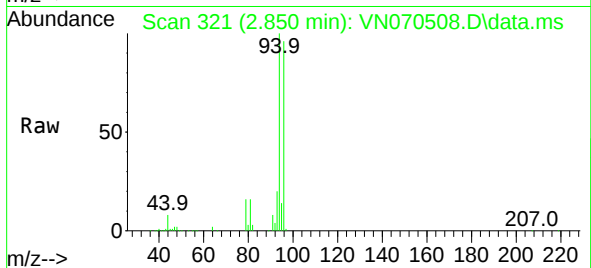
Tgt Ion: 62 Resp: 602060
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 48.065 ug/l
RT: 2.850 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

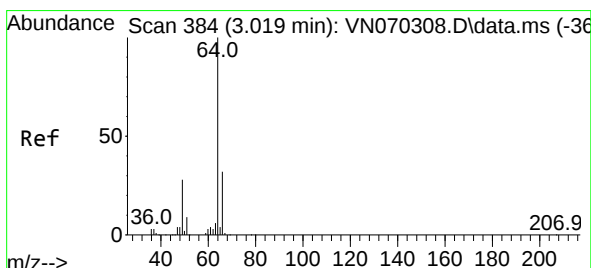
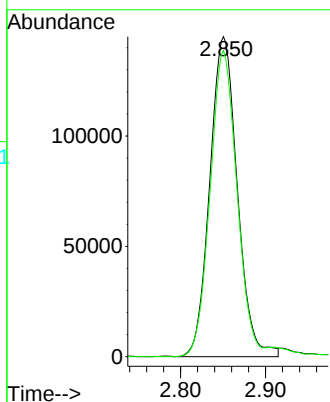
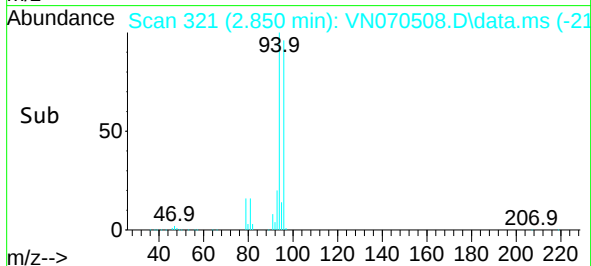
Instrument :
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Tgt Ion: 94 Resp: 32595
Ion Ratio Lower Upper
94 100
96 95.6 73.8 110.8

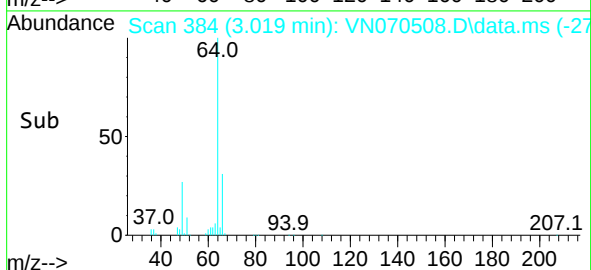
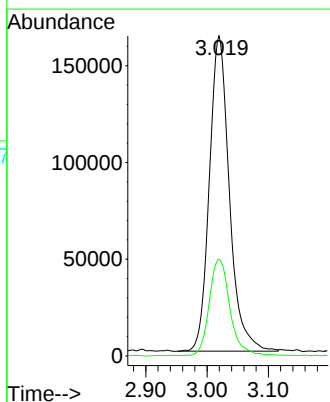
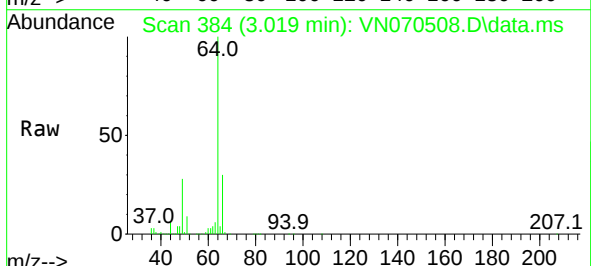
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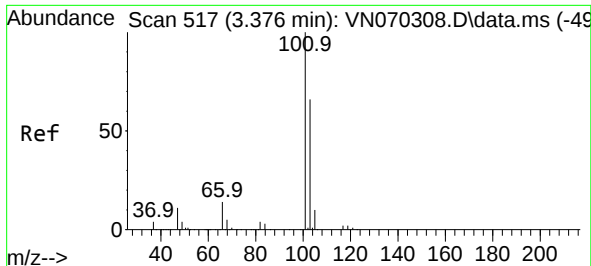
Reviewed By :John Carlone 01/10/2022
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#6
Chloroethane
Concen: 46.773 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion: 64 Resp: 370096
Ion Ratio Lower Upper
64 100
66 30.6 26.3 39.5





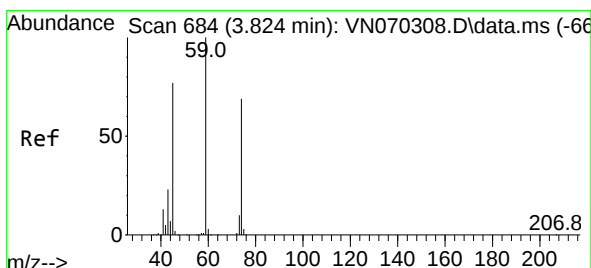
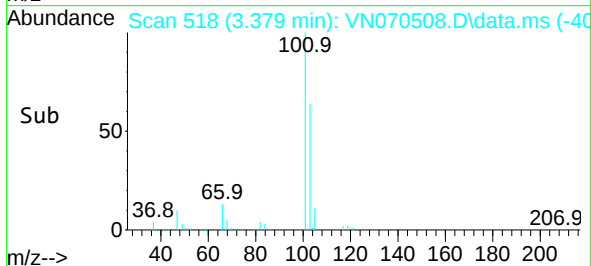
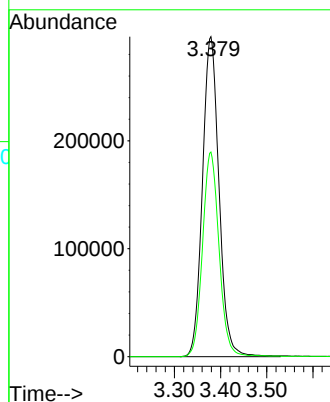
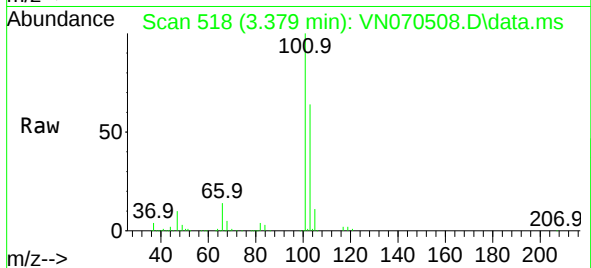
#7
Trichlorofluoromethane
Concen: 46.739 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 739150
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

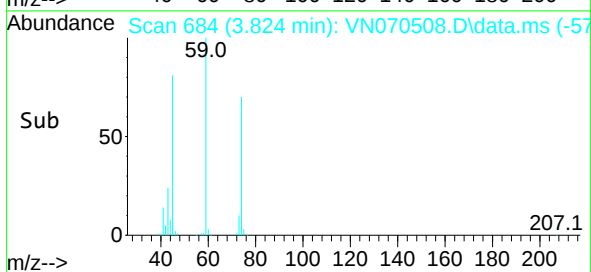
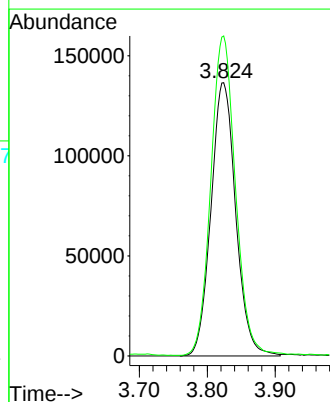
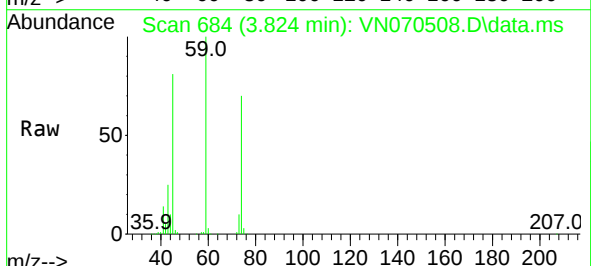
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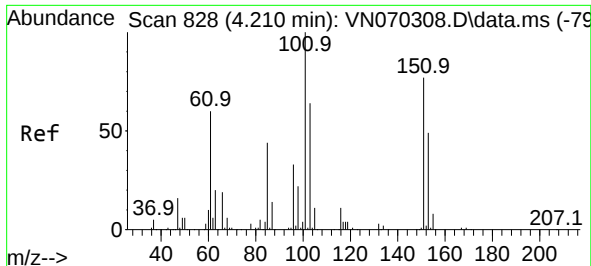
Reviewed By :John Carlone 01/10/2022
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#8
Diethyl Ether
Concen: 49.524 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

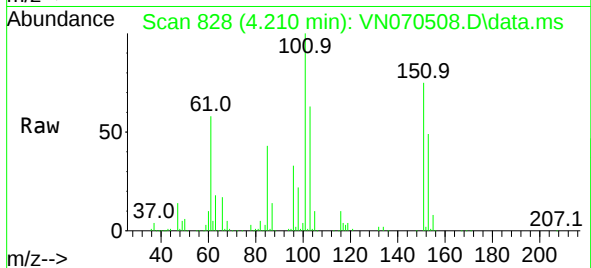
Tgt Ion: 74 Resp: 345258
Ion Ratio Lower Upper
74 100
45 116.4 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.997 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

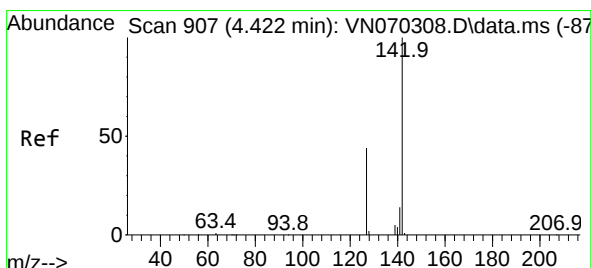
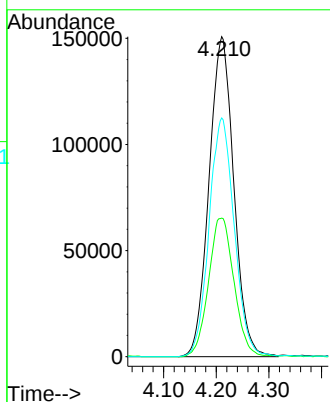
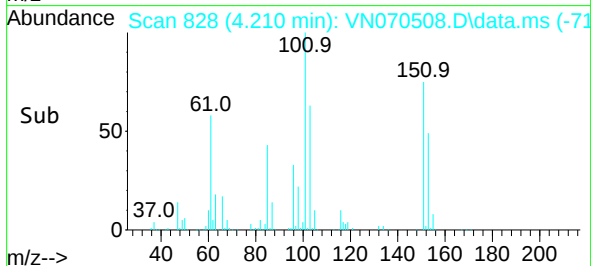
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



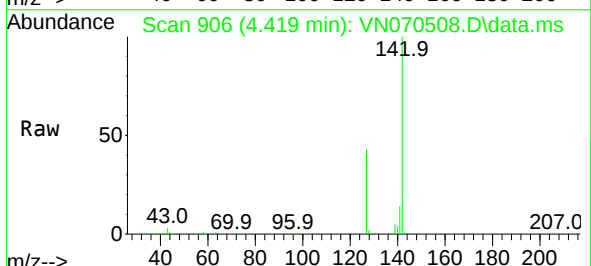
Tgt Ion:101 Resp: 49327
Ion Ratio Lower Upper
101 100
85 44.5 37.2 55.8
151 76.0 65.9 98.9

Manual Integrations
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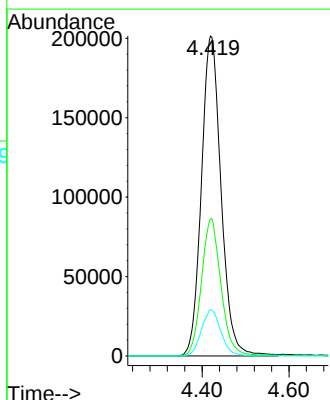
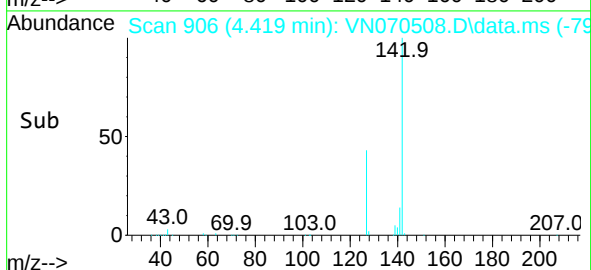
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#10
Methyl Iodide
Concen: 48.402 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



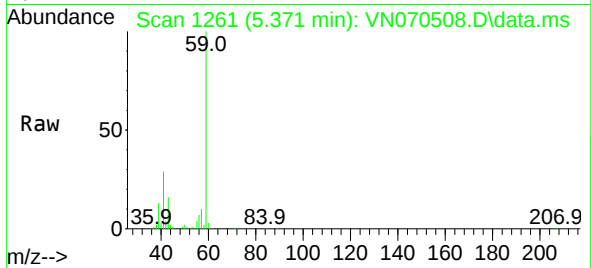
Tgt Ion:142 Resp: 633599
Ion Ratio Lower Upper
142 100
127 42.5 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 223.107 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

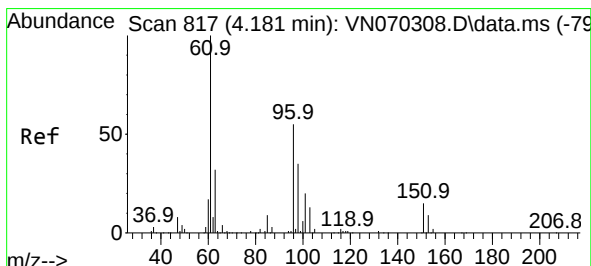
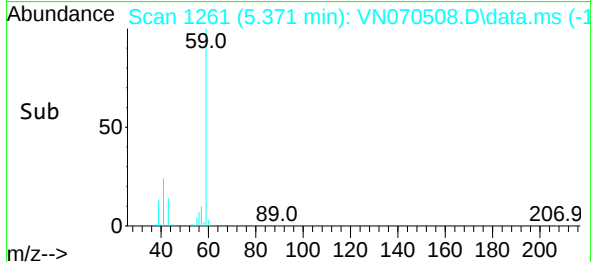
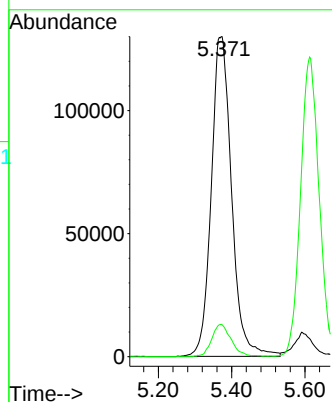
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 499658
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

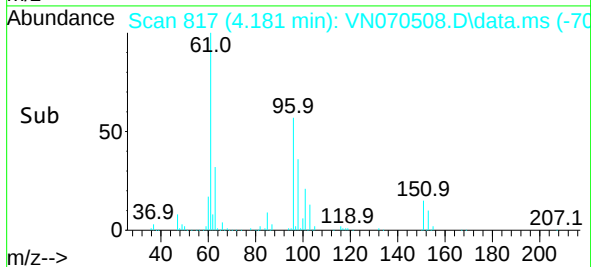
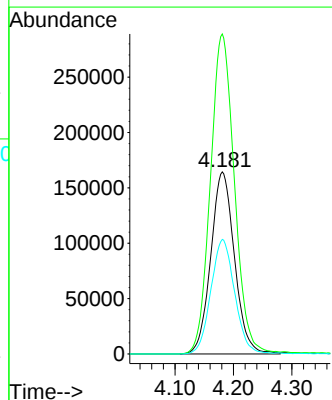
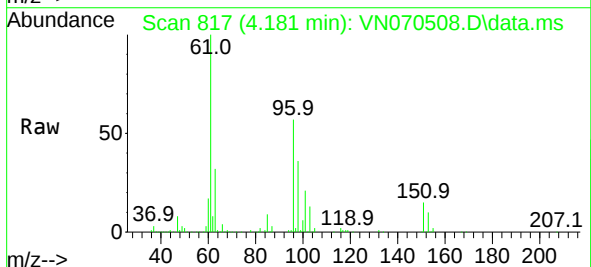
Manual Integrations
APPROVED

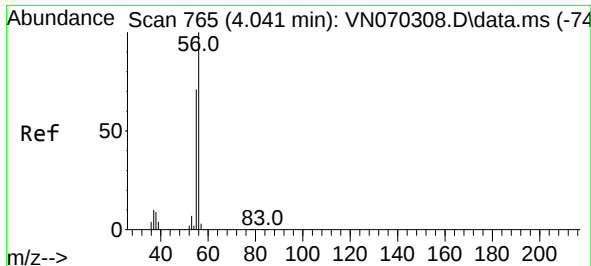
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#12
1,1-Dichloroethene
Concen: 48.725 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

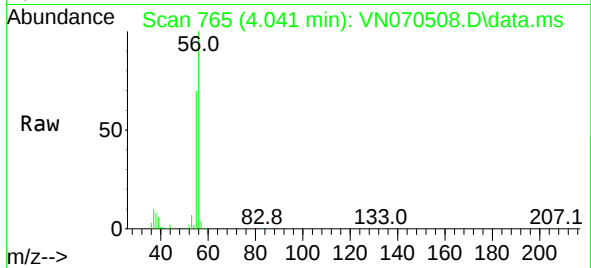
Tgt Ion: 96 Resp: 464223
Ion Ratio Lower Upper
96 100
61 175.6 131.0 196.6
98 62.9 52.4 78.6





#13
Acrolein
Concen: 204.419 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

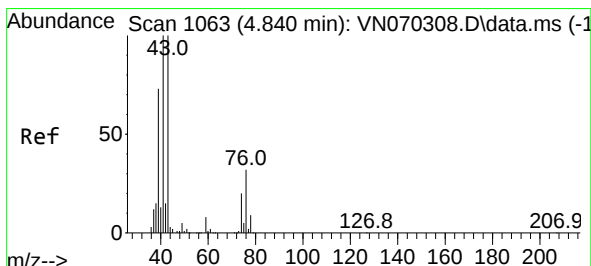
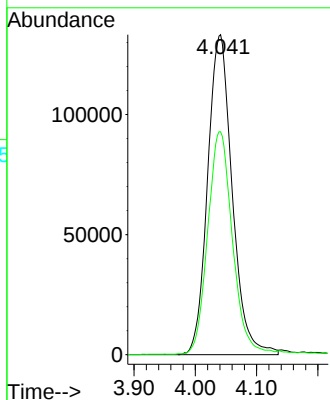
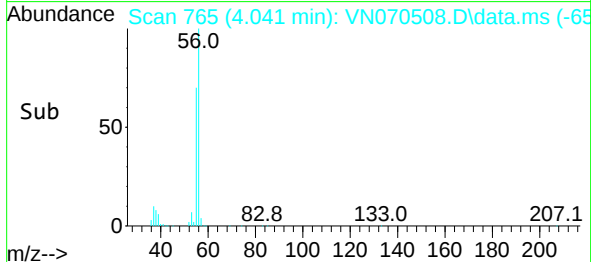
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



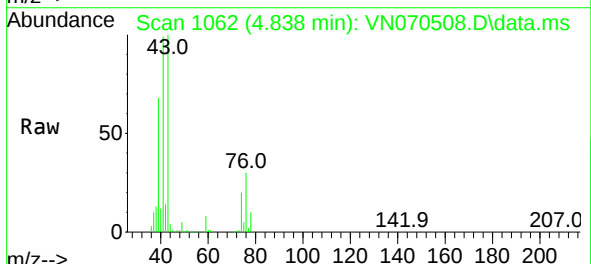
Tgt Ion: 56 Resp: 371458
Ion Ratio Lower Upper
56 100
55 69.3 56.6 85.0

Manual Integrations
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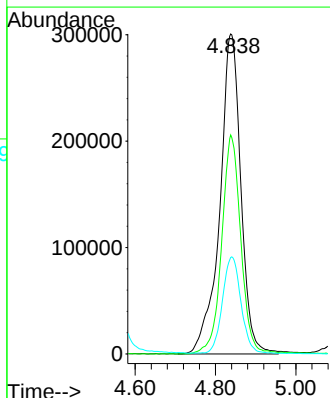
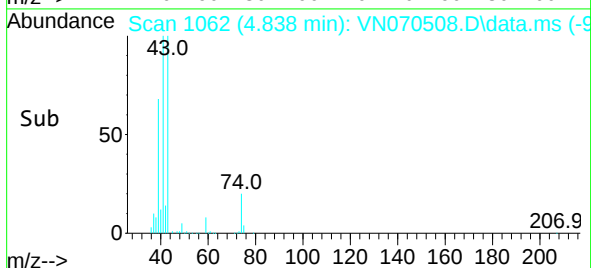
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

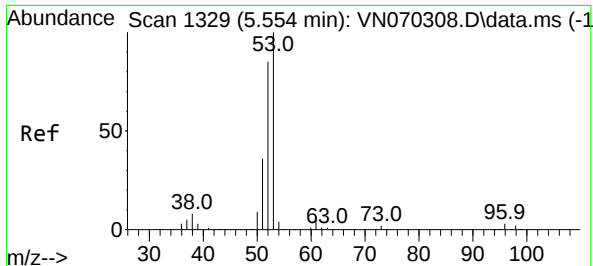


#14
Allyl chloride
Concen: 50.716 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



Tgt Ion: 41 Resp: 1095496
Ion Ratio Lower Upper
41 100
39 61.3 61.2 91.8
76 25.9 26.0 39.0#





#15

Acrylonitrile

Concen: 260.229 ug/l

RT: 5.551 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 181863

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

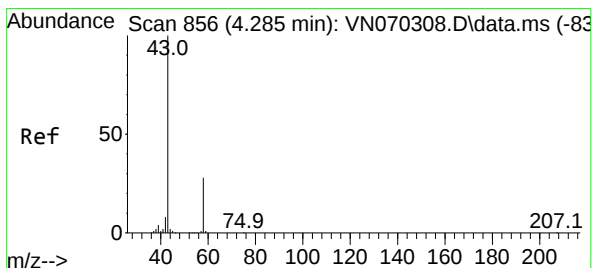
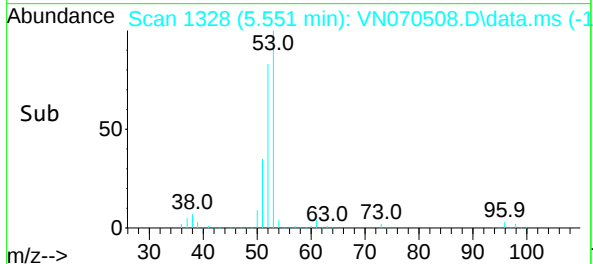
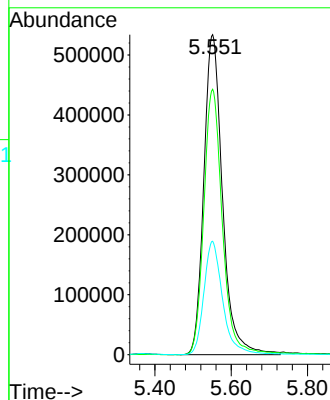
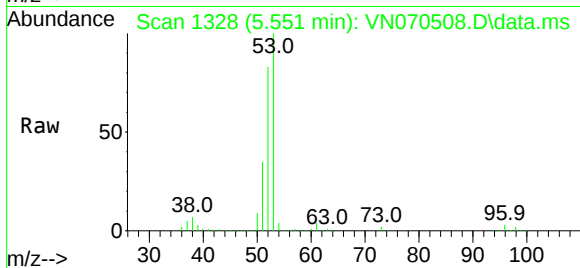
51 35.4 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#16

Acetone

Concen: 255.846 ug/l

RT: 4.283 min Scan# 855

Delta R.T. -0.002 min

Lab File: VN070508.D

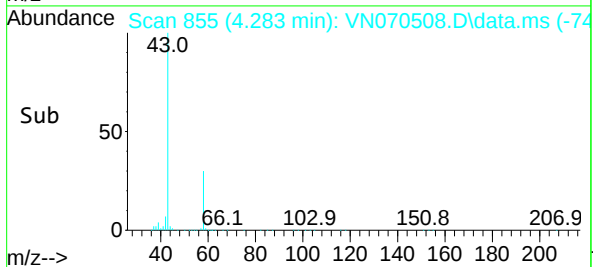
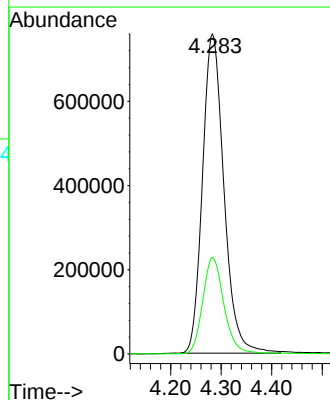
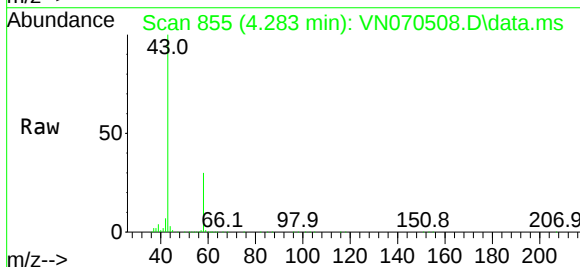
Acq: 6 Jan 2022 10:13

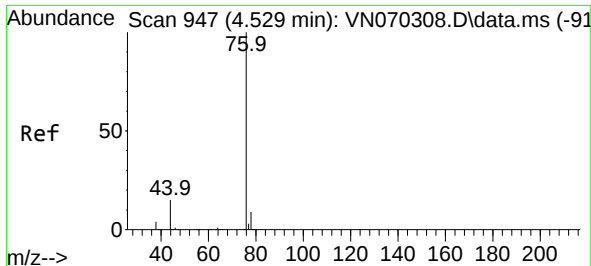
Tgt Ion: 43 Resp: 2233878

Ion Ratio Lower Upper

43 100

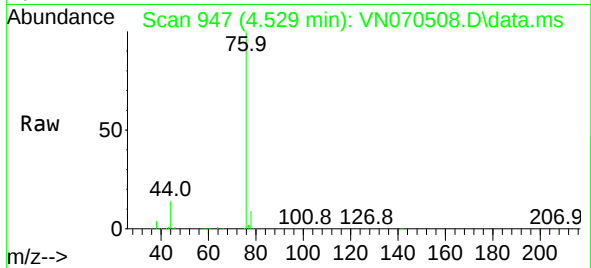
58 30.2 23.1 34.7





#17
Carbon Disulfide
Concen: 46.555 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

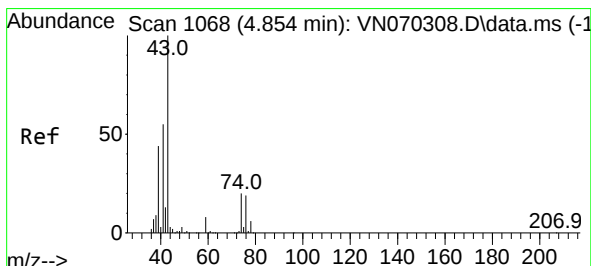
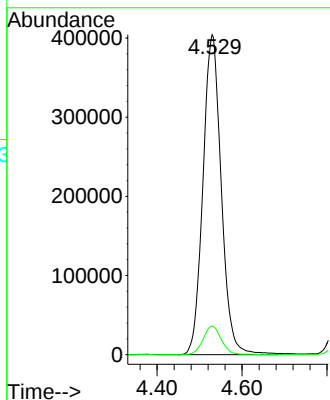
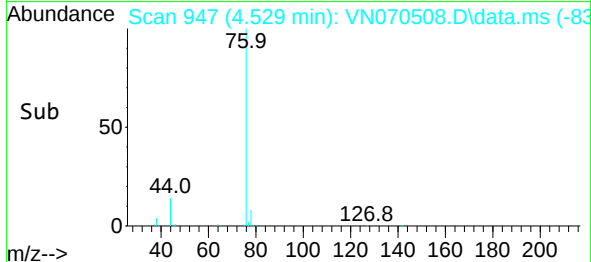
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



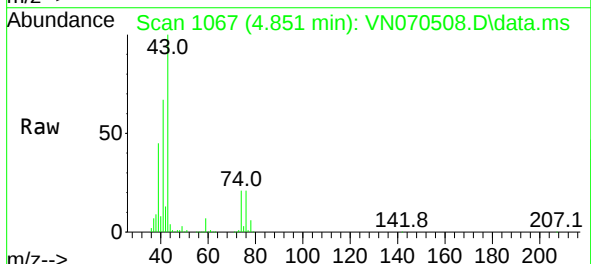
Tgt Ion: 76 Resp: 1210720
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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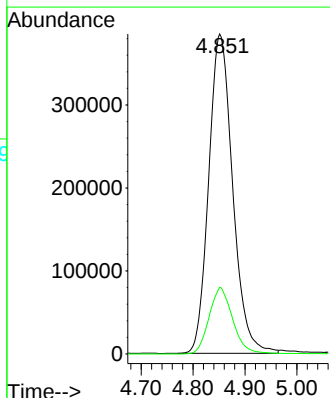
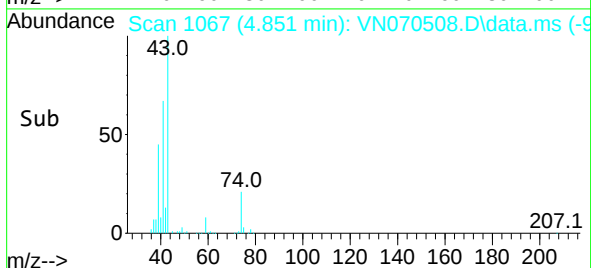
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

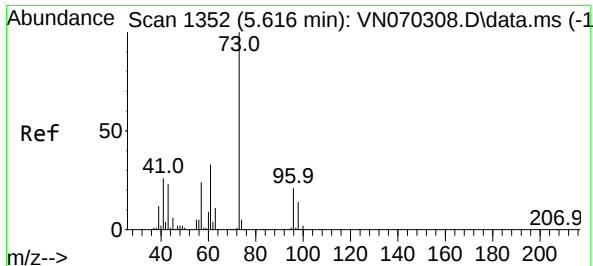


#18
Methyl Acetate
Concen: 48.898 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



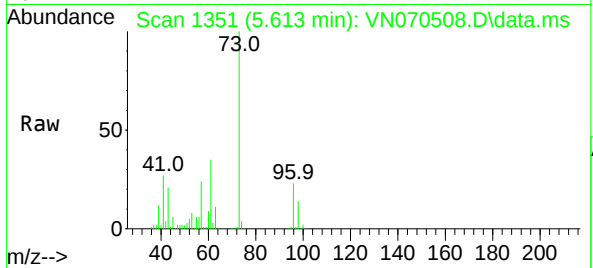
Tgt Ion: 43 Resp: 1235008
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.418 ug/l
RT: 5.613 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

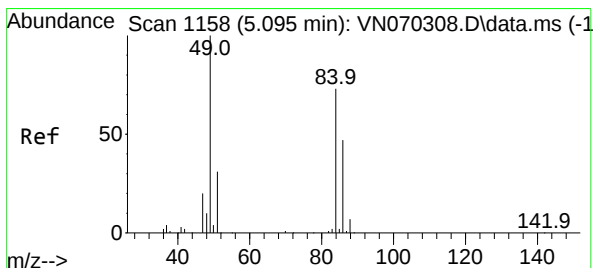
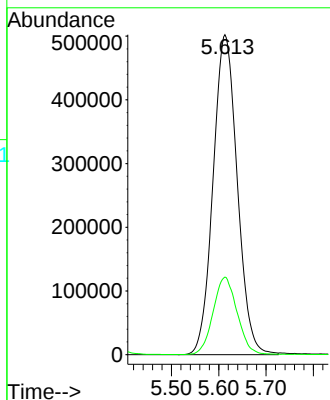
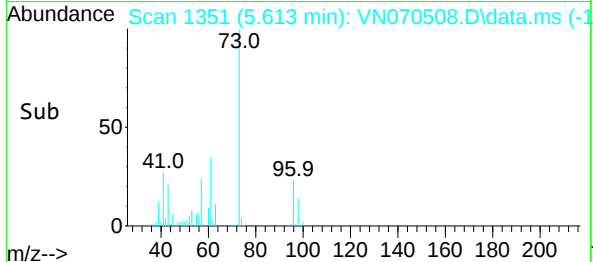
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1783890
Ion Ratio Lower Upper
73 100
57 24.2 16.8 25.2

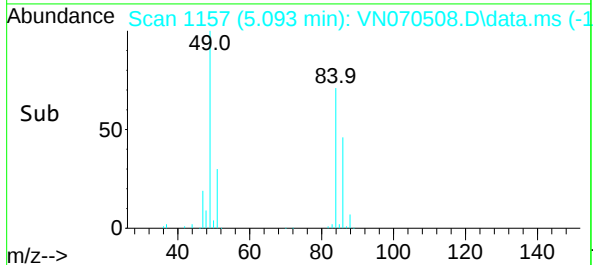
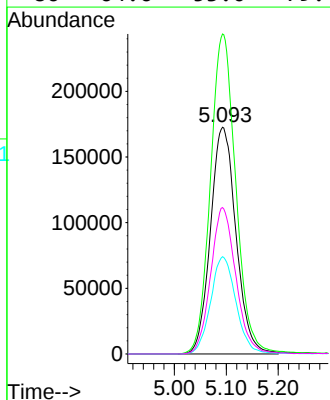
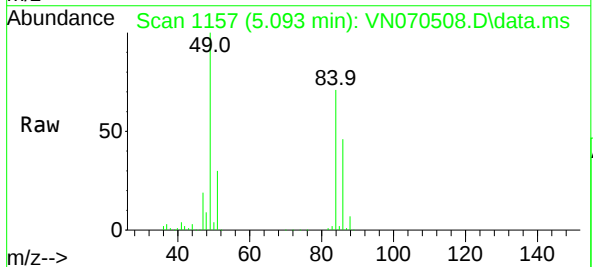
Manual Integrations
APPROVED

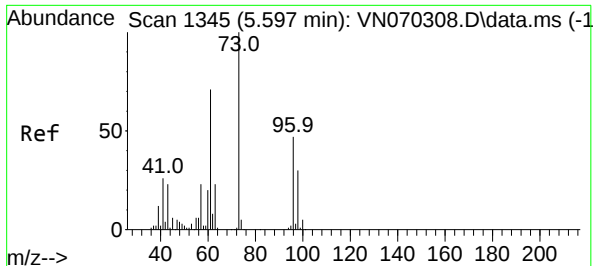
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#20
Methylene Chloride
Concen: 48.868 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion: 84 Resp: 590343
Ion Ratio Lower Upper
84 100
49 141.1 93.5 140.3#
51 42.9 29.4 44.2
86 64.6 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.649 ug/l

RT: 5.597 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN070508.D

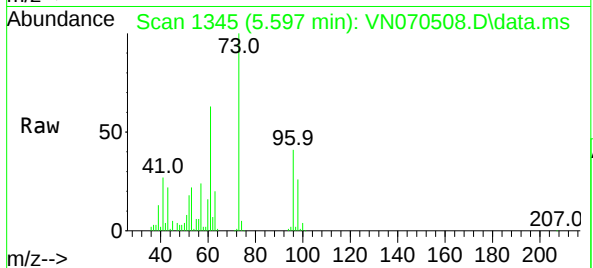
Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 500840

Ion Ratio Lower Upper

96 100

61 154.1 105.8 158.6

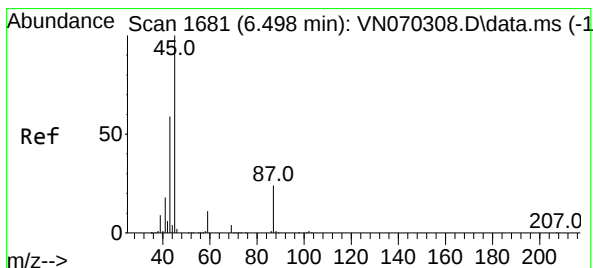
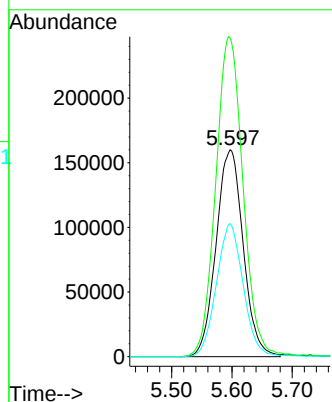
98 64.3 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#22

Diisopropyl ether

Concen: 53.083 ug/l

RT: 6.493 min Scan# 1679

Delta R.T. -0.005 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Tgt Ion: 45 Resp: 2233338

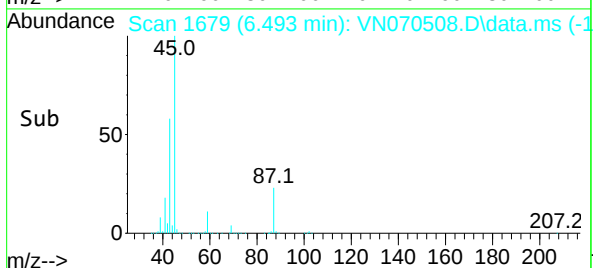
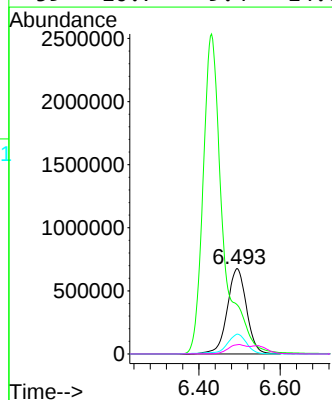
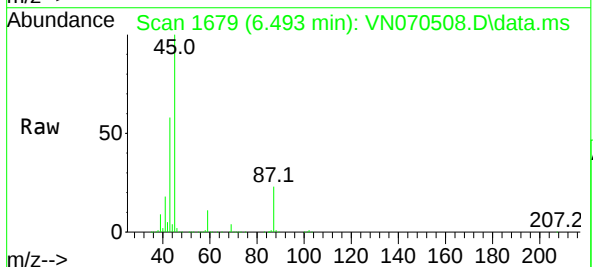
Ion Ratio Lower Upper

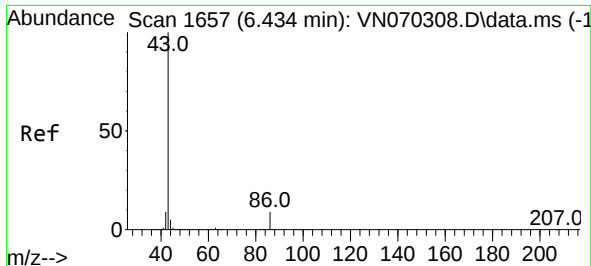
45 100

43 58.2 51.7 77.5

87 23.1 23.2 34.8#

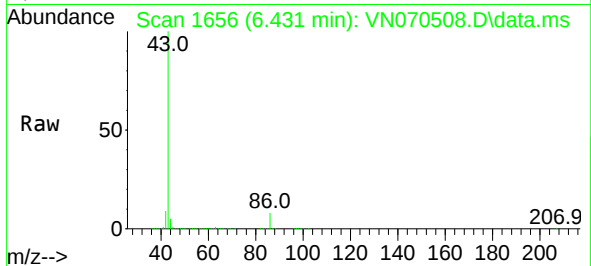
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 261.421 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070508.D
 Acq: 6 Jan 2022 10:13

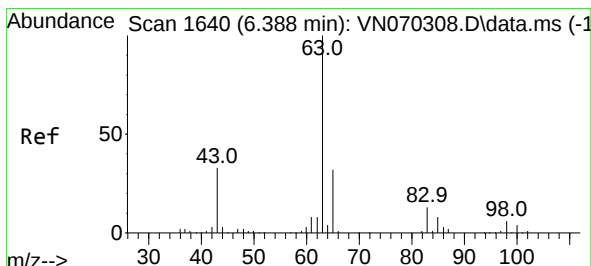
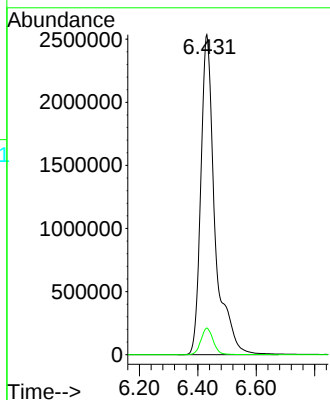
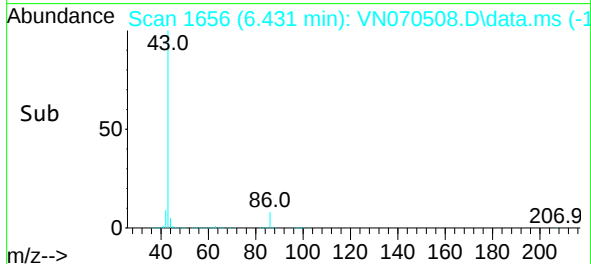
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



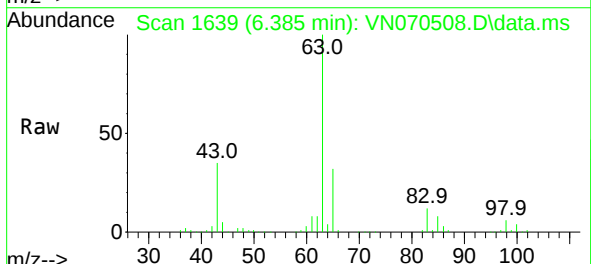
Tgt Ion: 43 Resp: 853360
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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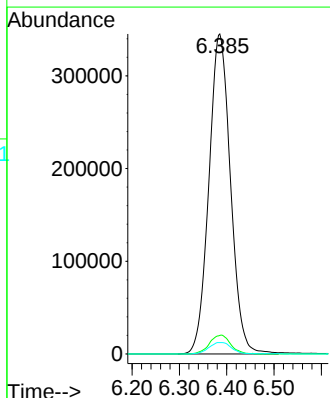
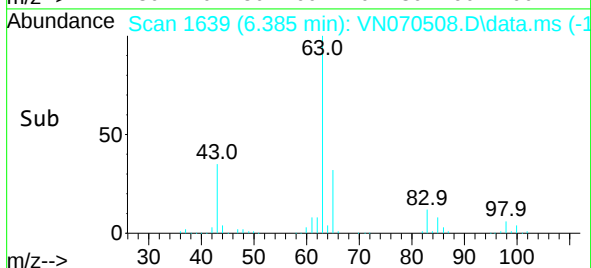
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022



#24
 1,1-Dichloroethane
 Concen: 50.244 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070508.D
 Acq: 6 Jan 2022 10:13



Tgt Ion: 63 Resp: 1096084
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 262.138 ug/l

RT: 7.332 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 288190

Ion Ratio Lower Upper

43 100

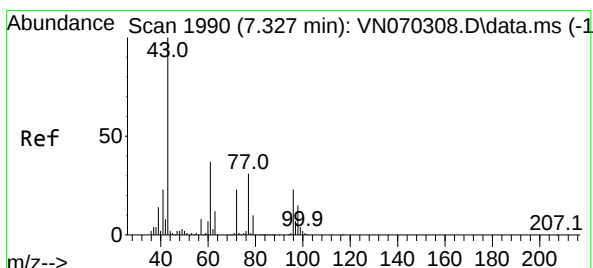
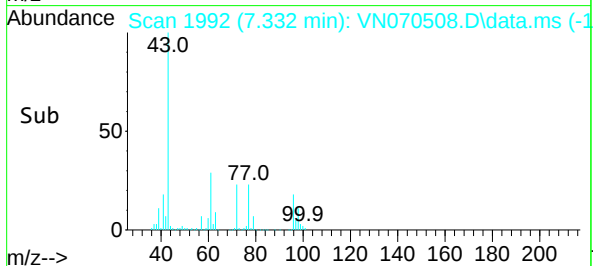
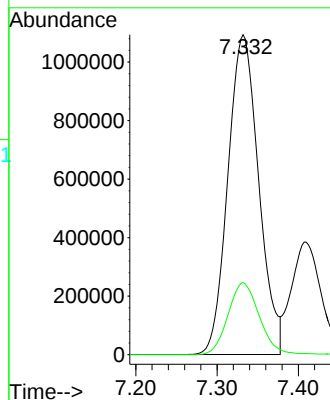
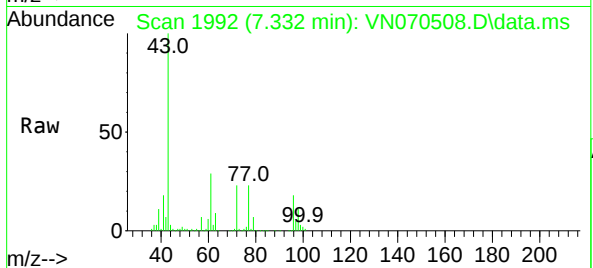
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#26

2,2-Dichloropropane

Concen: 47.565 ug/l

RT: 7.321 min Scan# 1988

Delta R.T. -0.006 min

Lab File: VN070508.D

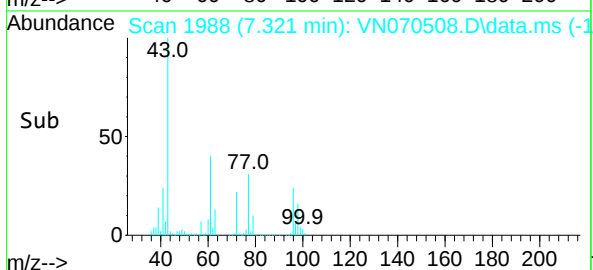
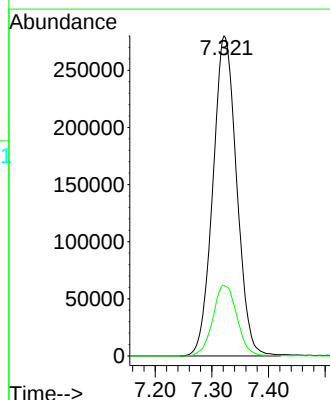
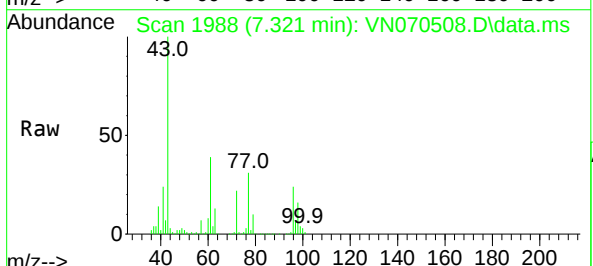
Acq: 6 Jan 2022 10:13

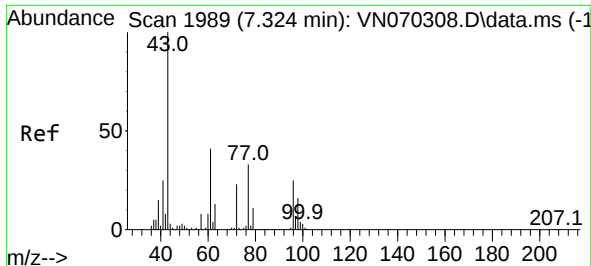
Tgt Ion: 77 Resp: 818583

Ion Ratio Lower Upper

77 100

97 22.4 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.883 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 61246

Ion Ratio Lower Upper

96 100

61 159.6 0.0 275.0

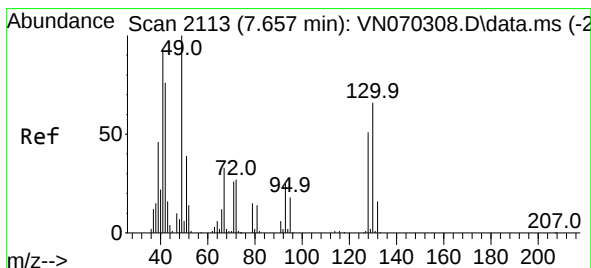
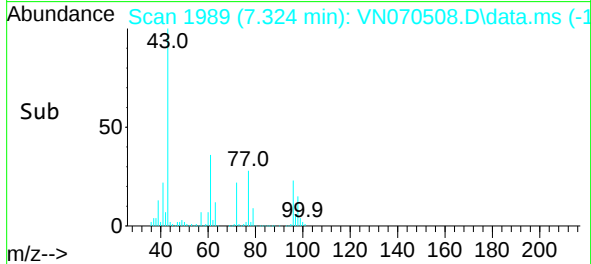
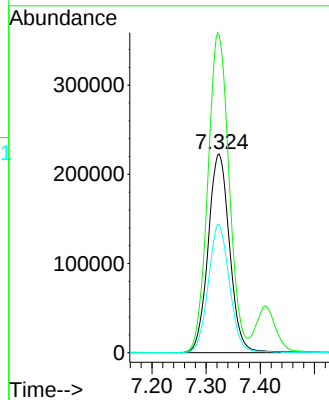
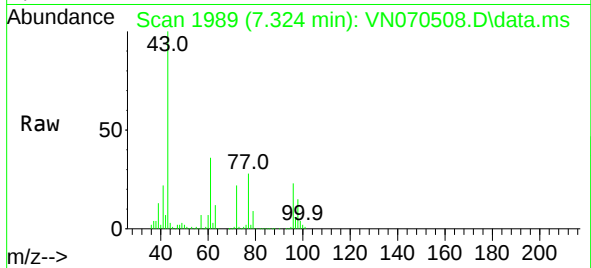
98 63.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#28

Bromochloromethane

Concen: 48.915 ug/l

RT: 7.654 min Scan# 2112

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

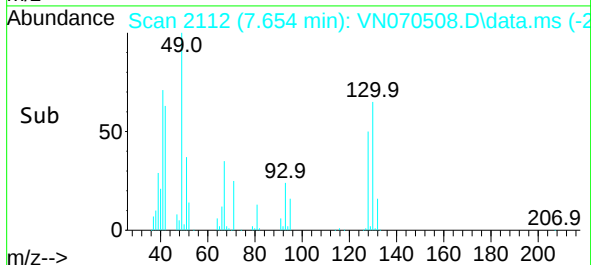
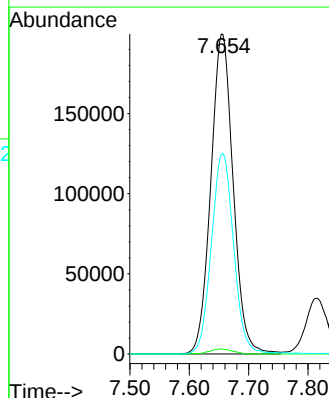
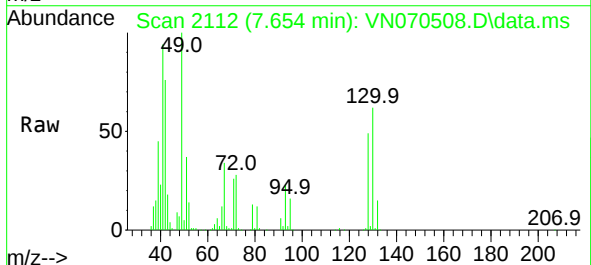
Tgt Ion: 49 Resp: 521869

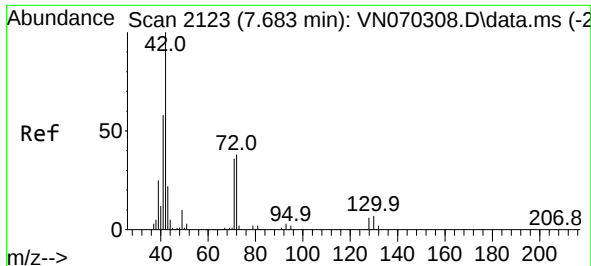
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

130 62.4 67.8 101.8





#29

Tetrahydrofuran

Concen: 255.771 ug/l

RT: 7.681 min Scan# 2123

Delta R.T. -0.002 min

Lab File: VN070508.D

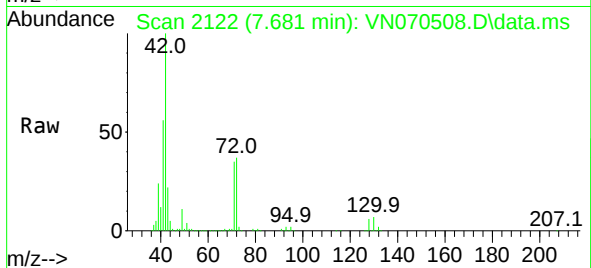
Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 1677680

Ion Ratio Lower Upper

42 100

72 36.5 36.3 54.5

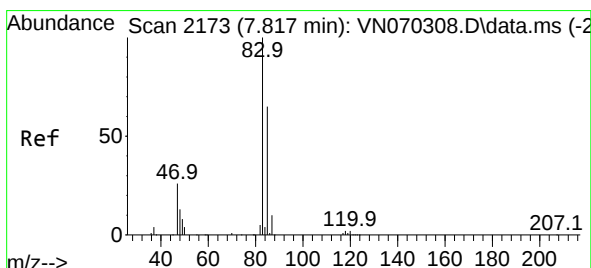
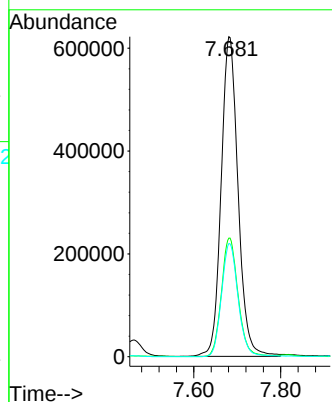
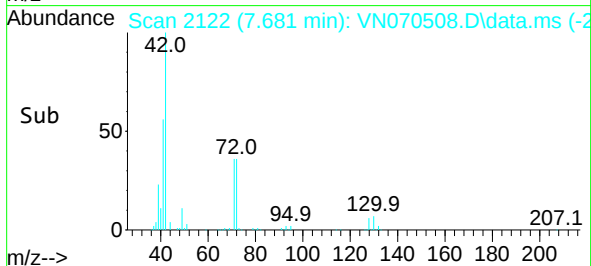
71 34.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#30

Chloroform

Concen: 49.341 ug/l

RT: 7.815 min Scan# 2172

Delta R.T. -0.002 min

Lab File: VN070508.D

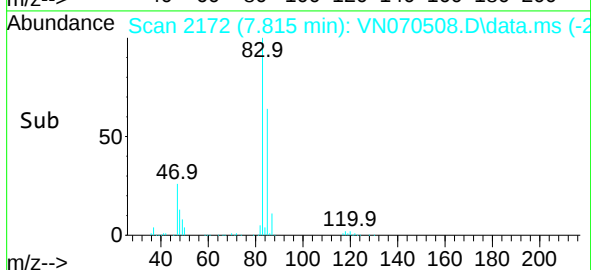
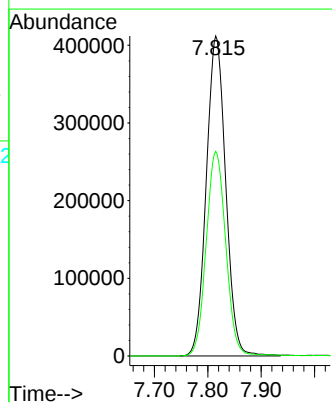
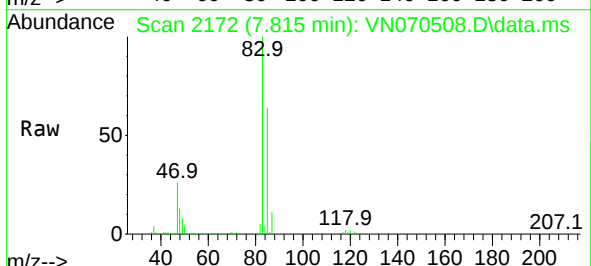
Acq: 6 Jan 2022 10:13

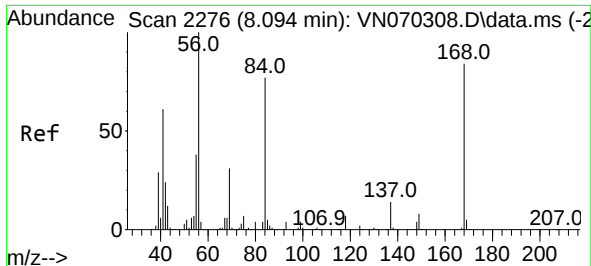
Tgt Ion: 83 Resp: 1038414

Ion Ratio Lower Upper

83 100

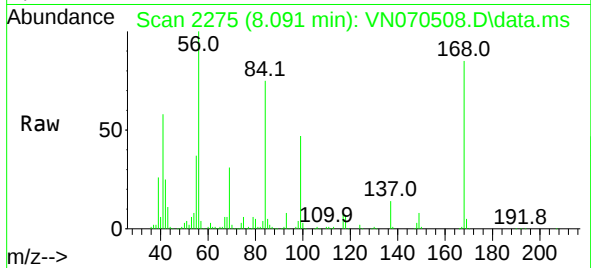
85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 49.491 ug/l
RT: 8.091 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

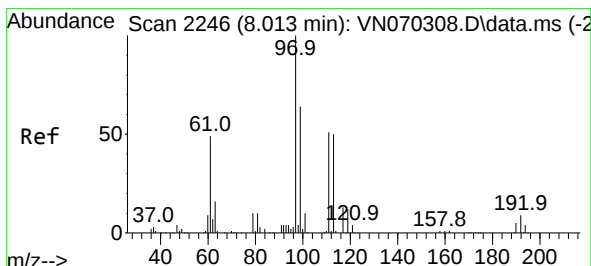
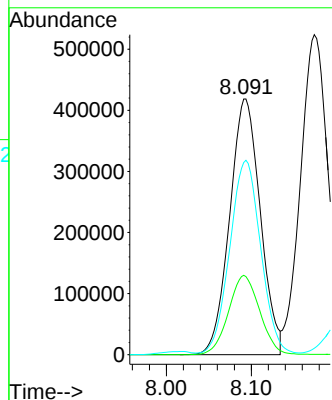
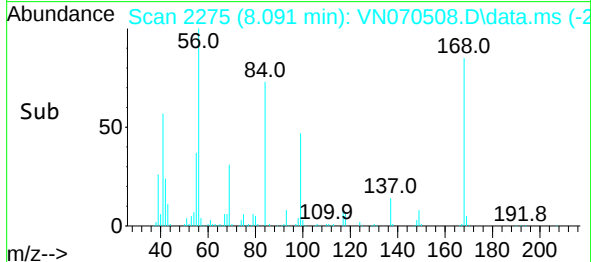
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



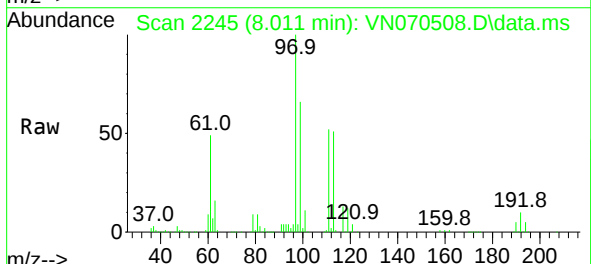
Tgt Ion: 56 Resp: 105044
Ion Ratio Lower Upper
56 100
69 31.1 27.1 40.7
84 73.9 73.4 110.0

Manual Integrations
APPROVED

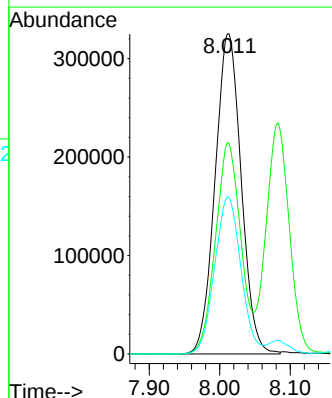
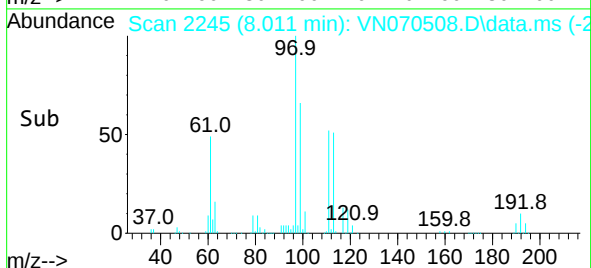
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

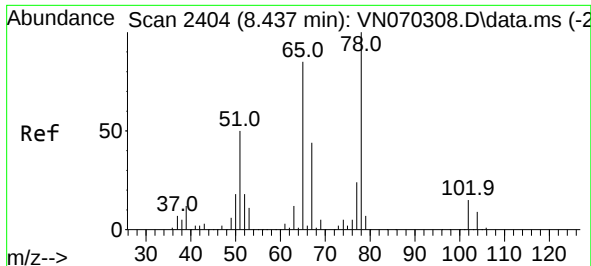


#32
1,1,1-Trichloroethane
Concen: 47.178 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



Tgt Ion: 97 Resp: 837179
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 49.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.829 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 61641

Ion Ratio Lower Upper

65 100

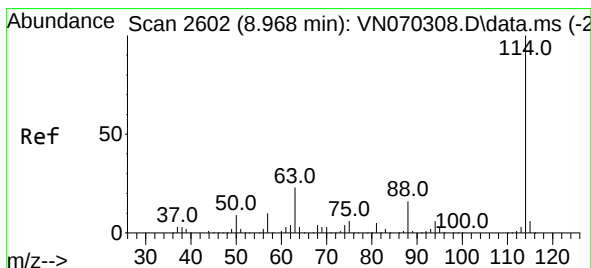
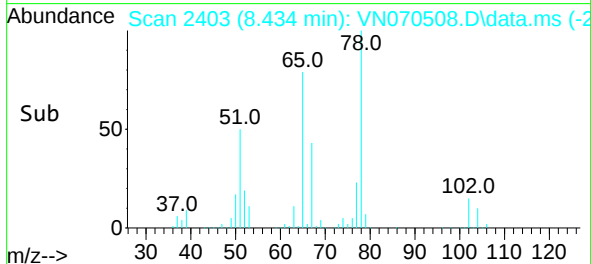
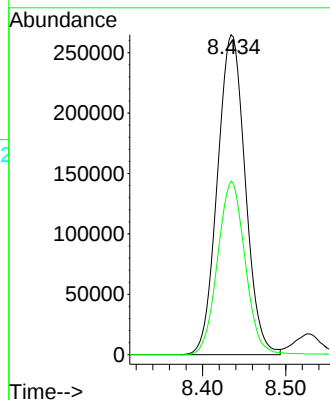
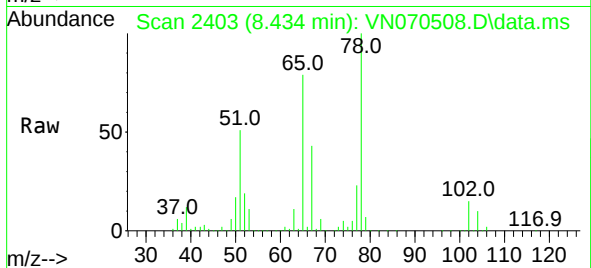
67 53.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

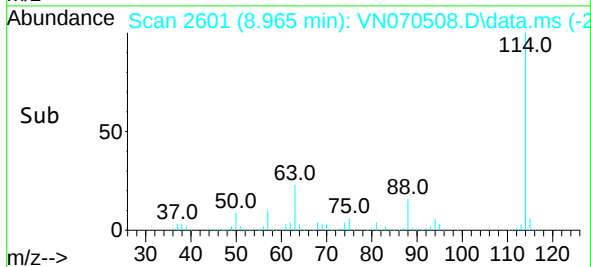
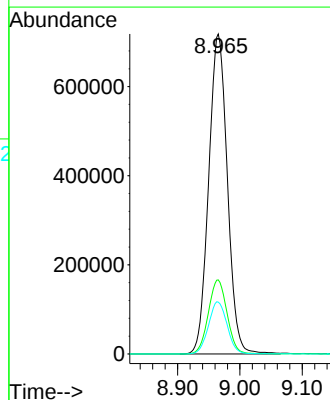
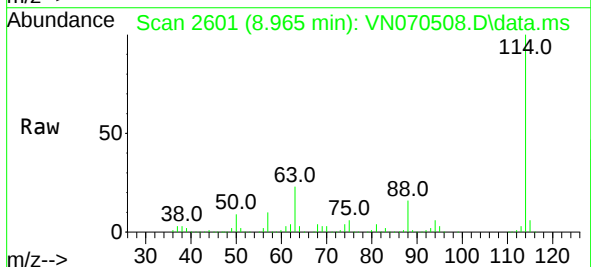
Tgt Ion:114 Resp: 1497797

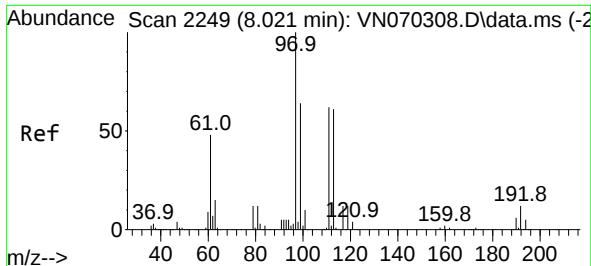
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

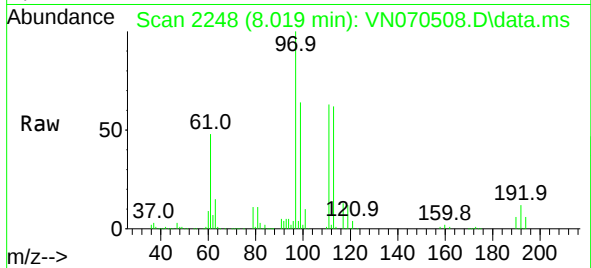
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.490 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

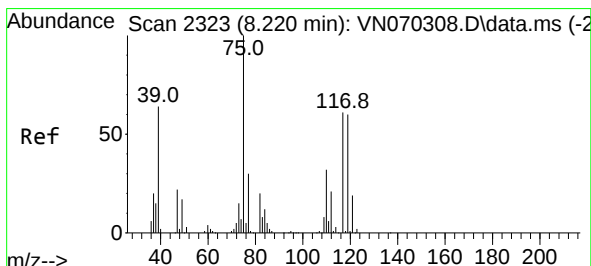
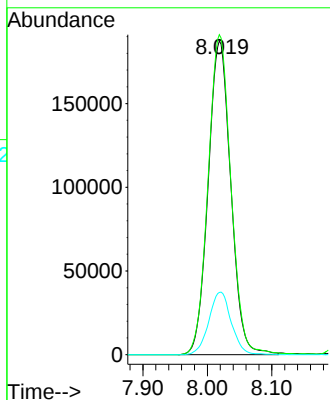
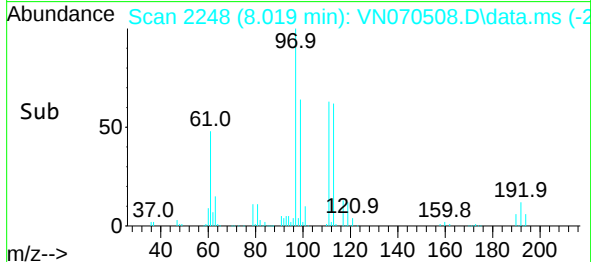
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 457564
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.8 16.9 25.3

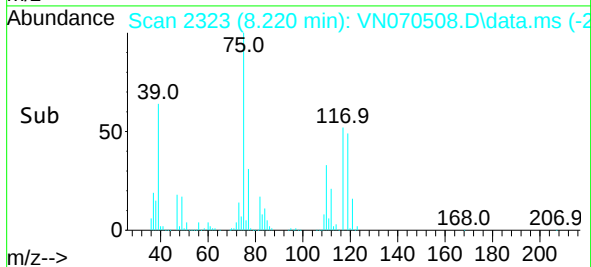
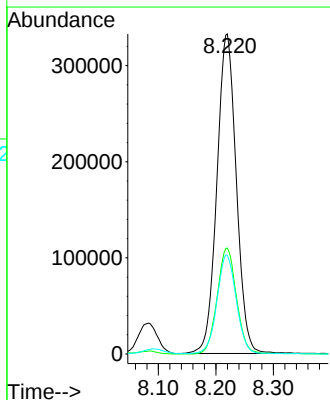
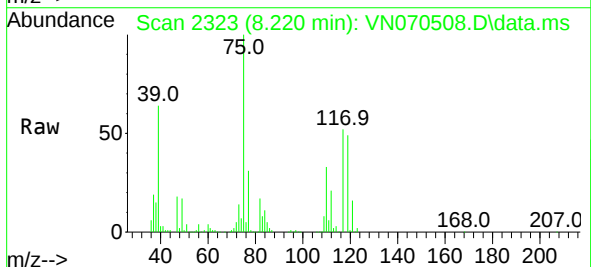
Manual Integrations
APPROVED

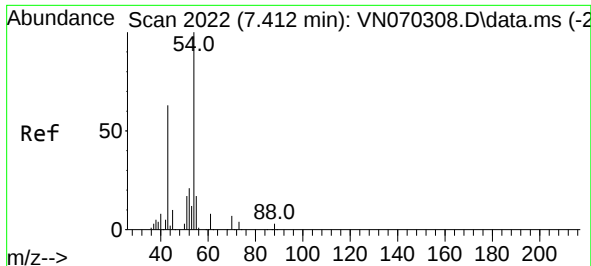
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#36
1,1-Dichloropropene
Concen: 52.068 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

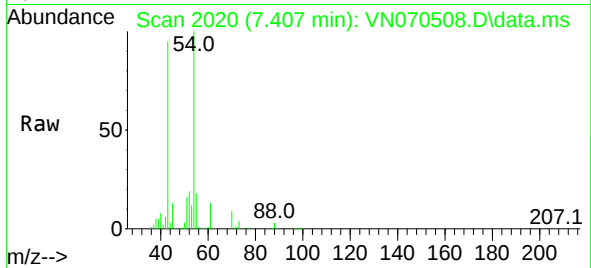
Tgt Ion: 75 Resp: 780591
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 50.826 ug/l
RT: 7.407 min Scan# 20
Delta R.T. -0.005 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

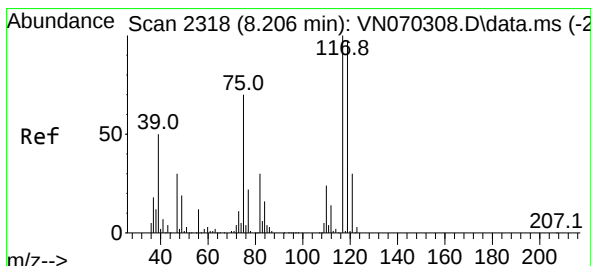
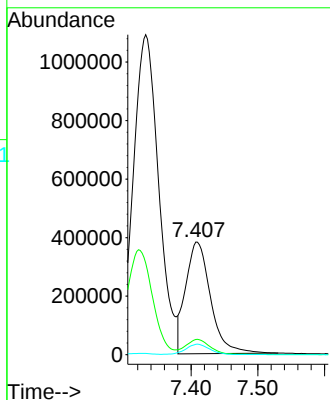
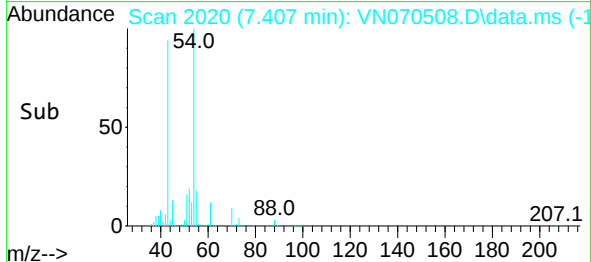
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 987670
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 9.0 7.9 11.9

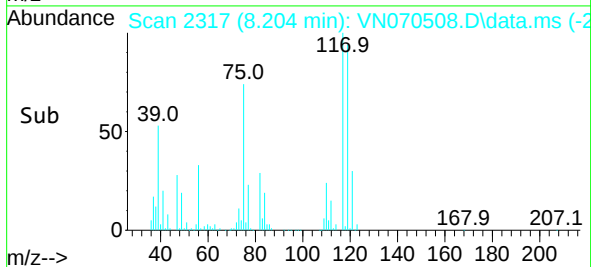
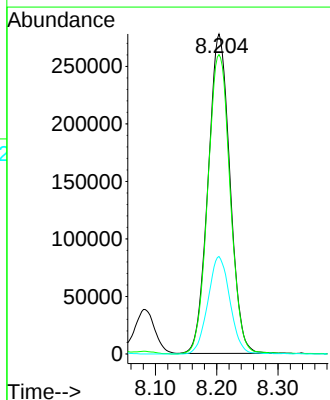
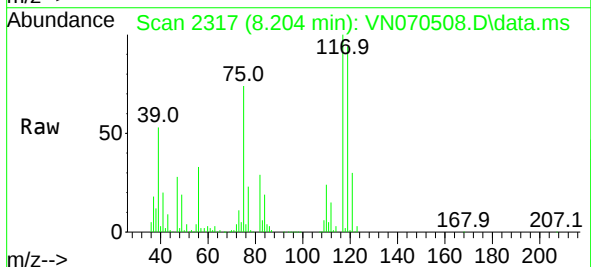
Manual Integrations
APPROVED

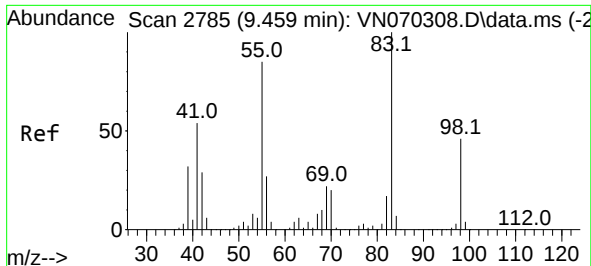
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#38
Carbon Tetrachloride
Concen: 47.985 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

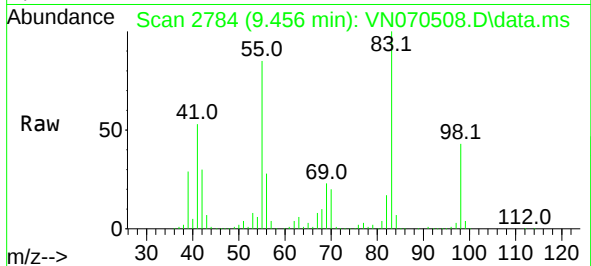
Tgt Ion:117 Resp: 686928
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 53.185 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

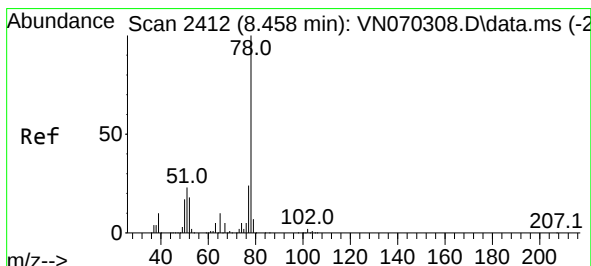
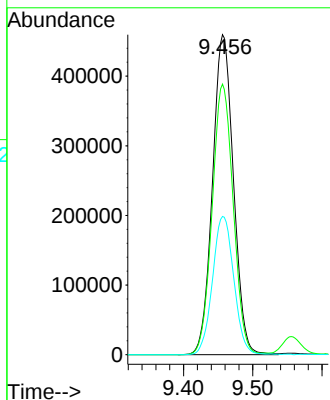
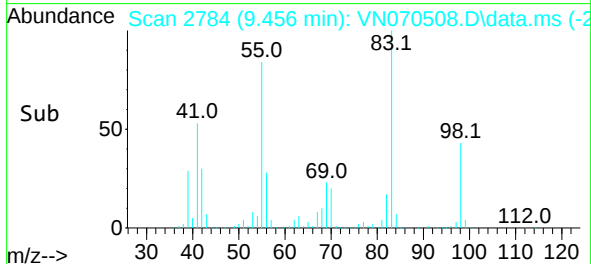
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



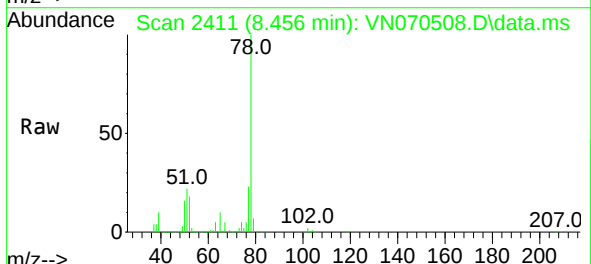
Tgt Ion: 83 Resp: 965292
Ion Ratio Lower Upper
83 100
55 84.5 58.1 87.1
98 43.2 38.4 57.6

Manual Integrations
APPROVED

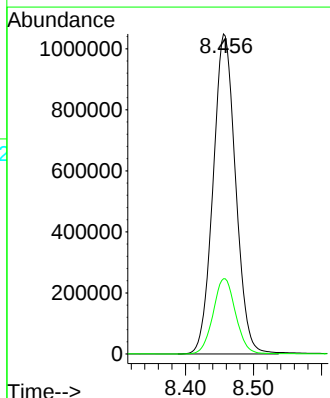
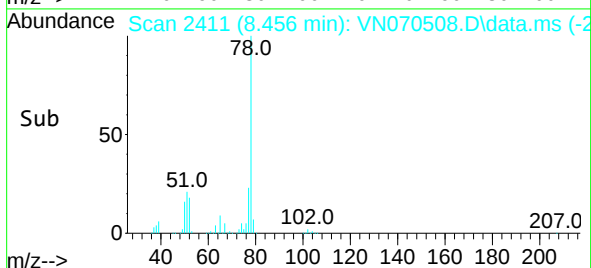
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

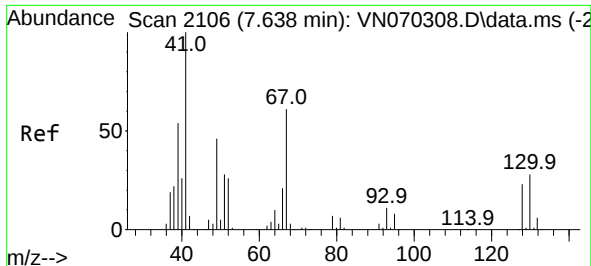


#40
Benzene
Concen: 52.514 ug/l
RT: 8.456 min Scan# 2411
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



Tgt Ion: 78 Resp: 2413607
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





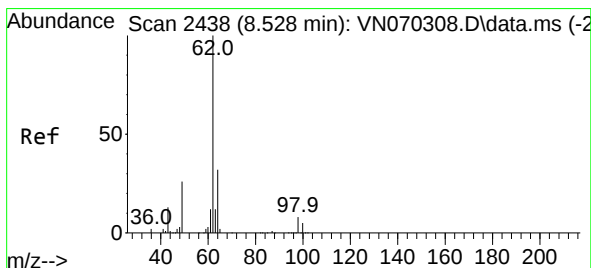
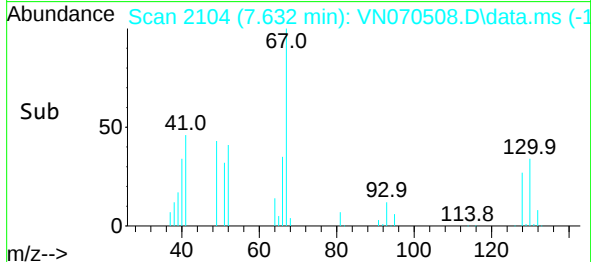
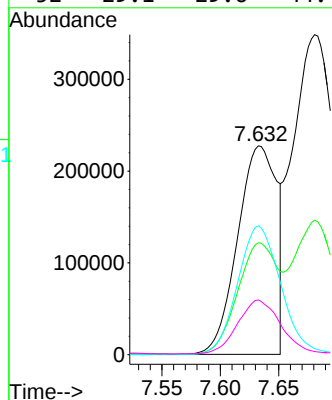
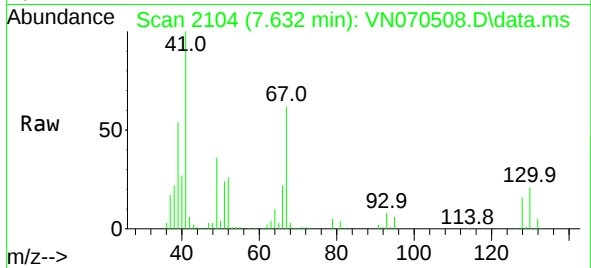
#41
Methacrylonitrile
Concen: 54.396 ug/l
RT: 7.632 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050

Tgt Ion: 41 Resp: 528709
Ion Ratio Lower Upper
41 100
39 55.5 48.1 72.1
67 68.9 68.3 102.5
52 29.1 29.6 44.4#

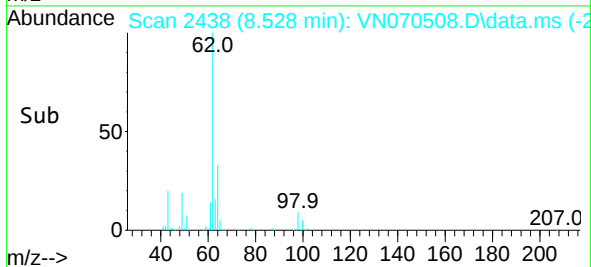
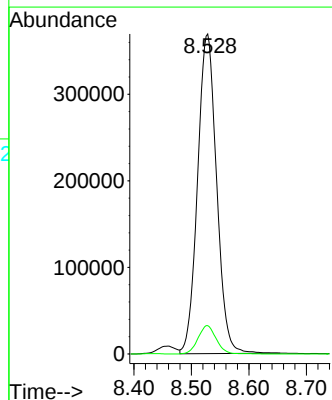
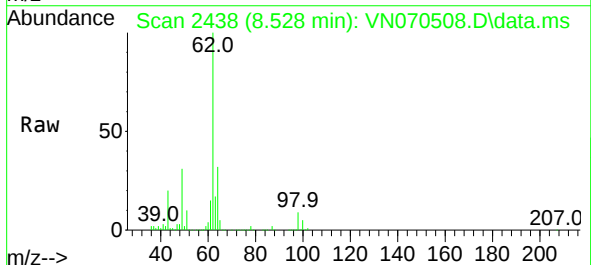
Manual Integrations
APPROVED

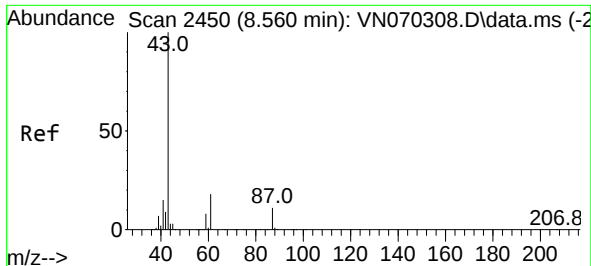
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#42
1,2-Dichloroethane
Concen: 49.103 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

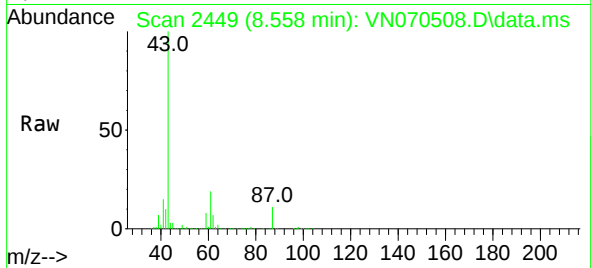
Tgt Ion: 62 Resp: 848275
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.745 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

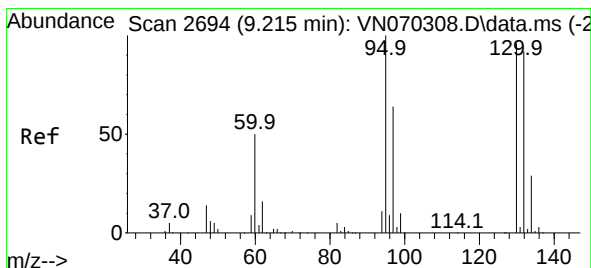
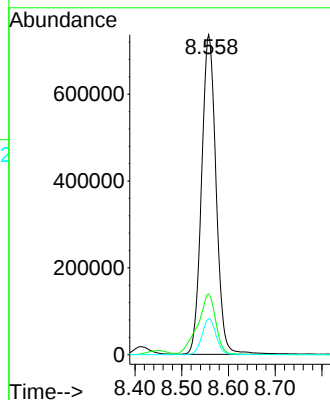
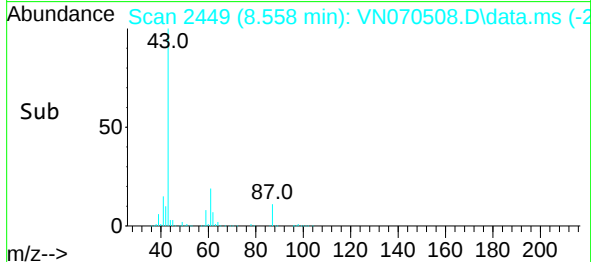
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1585349
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 11.0 11.2 16.8

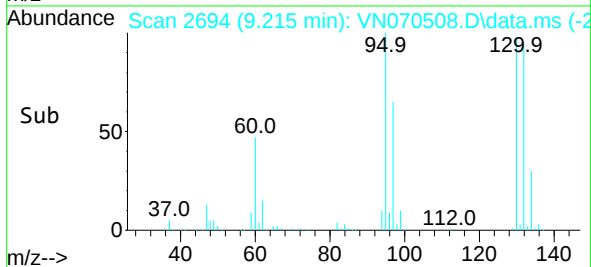
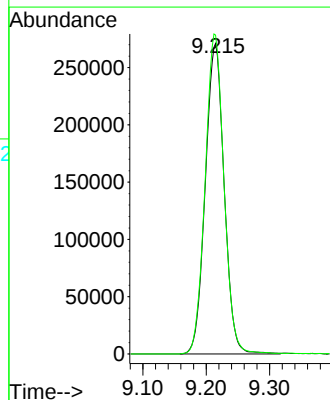
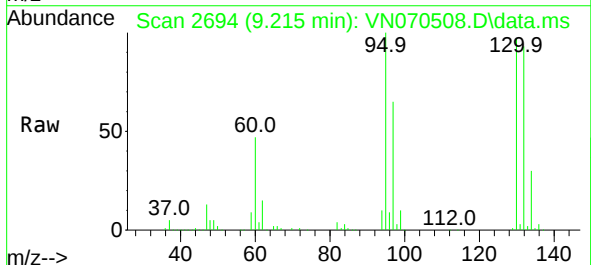
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#44
Trichloroethene
Concen: 51.322 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion:130 Resp: 560475
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.000 ug/l

RT: 9.486 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 680618

Ion Ratio Lower Upper

63 100

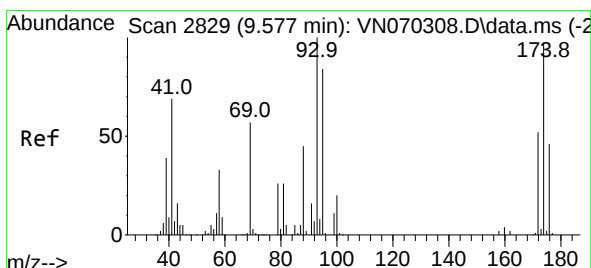
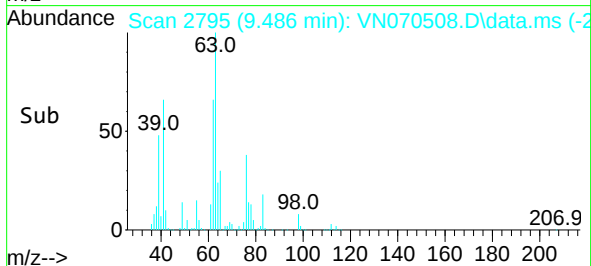
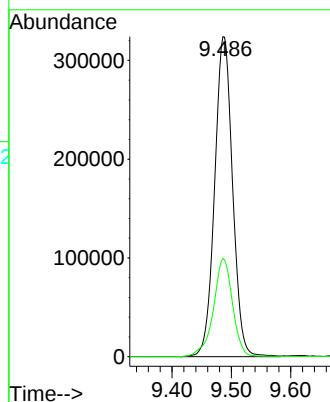
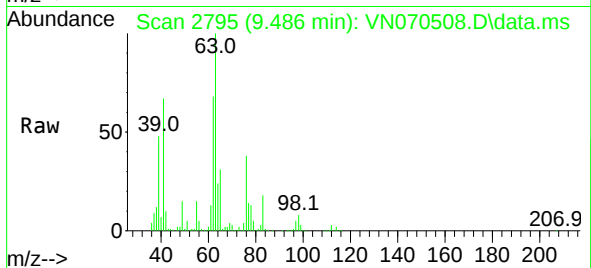
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#46

Dibromomethane

Concen: 51.563 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

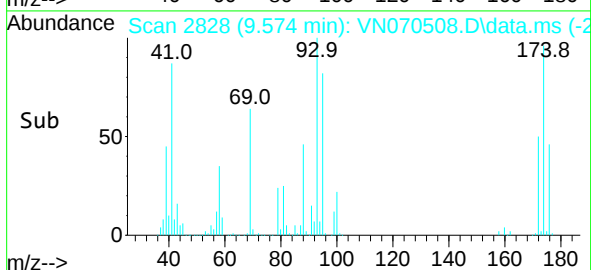
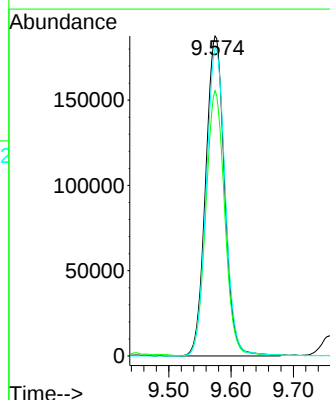
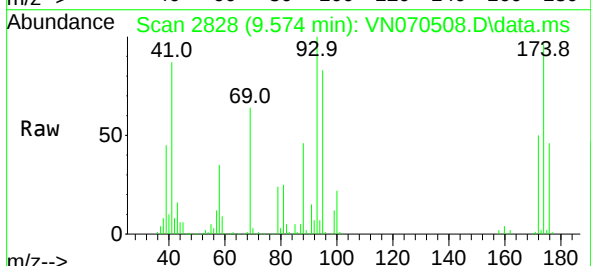
Tgt Ion: 93 Resp: 396773

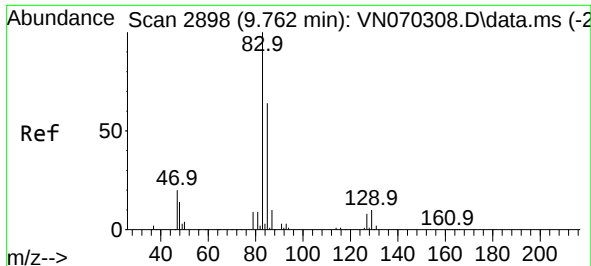
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

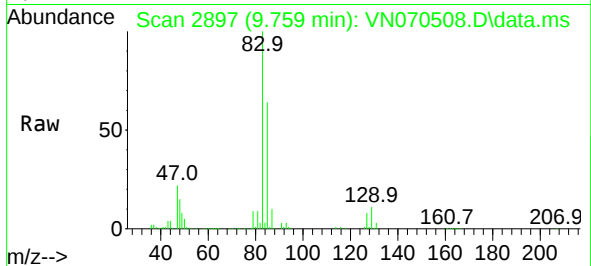
174 96.2 84.6 127.0





#47
Bromodichloromethane
Concen: 52.419 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

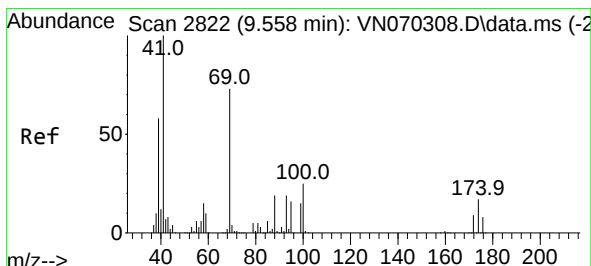
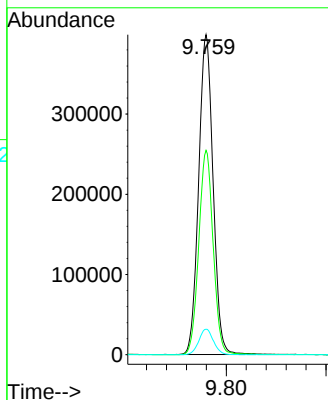
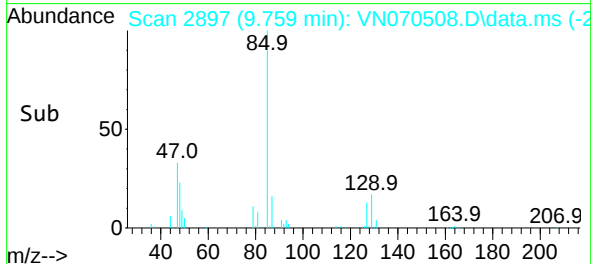
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 800910
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.0 7.1 10.7

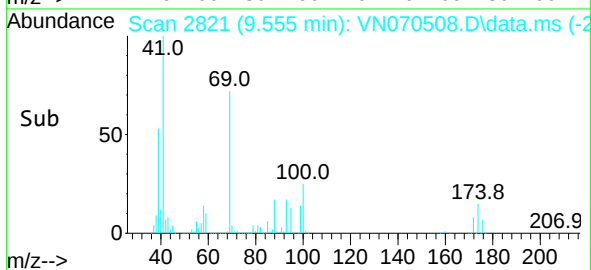
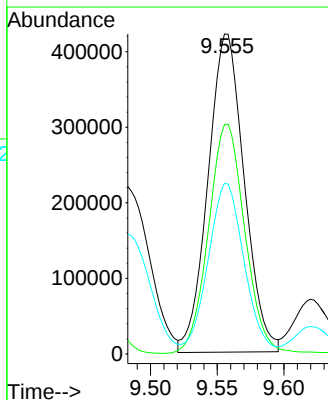
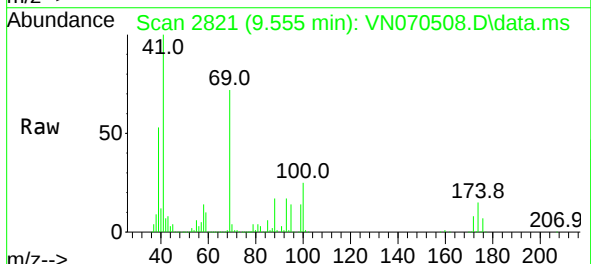
Manual Integrations
APPROVED

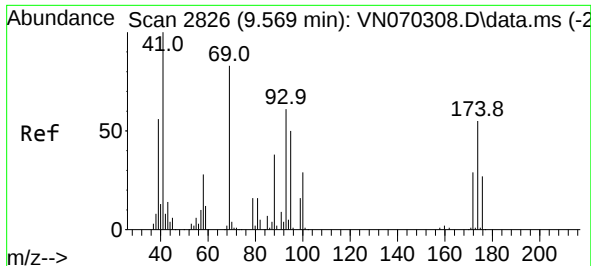
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#48
Methyl methacrylate
Concen: 54.331 ug/l
RT: 9.555 min Scan# 2821
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion: 41 Resp: 793978
Ion Ratio Lower Upper
41 100
69 72.9 72.4 108.6
39 53.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 1019.404 ug/l

RT: 9.566 min Scan# 218070

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 218070

Ion Ratio Lower Upper

88 100

43 35.5 23.4 35.2

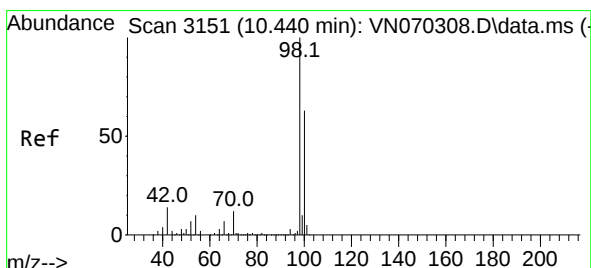
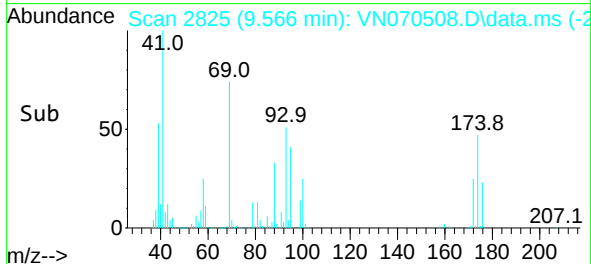
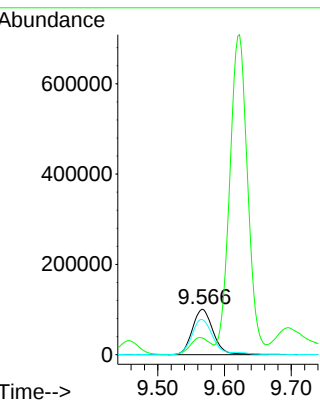
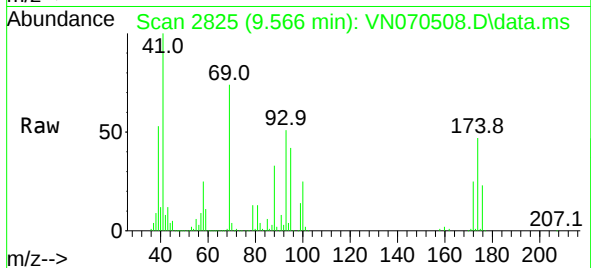
58 81.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#50

Toluene-d8

Concen: 50.733 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070508.D

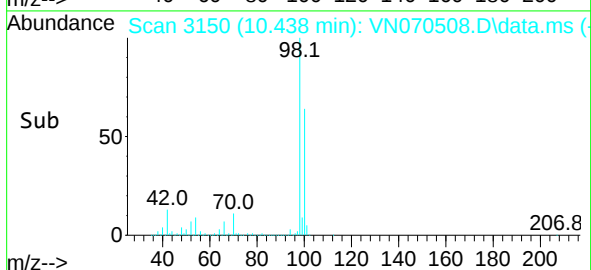
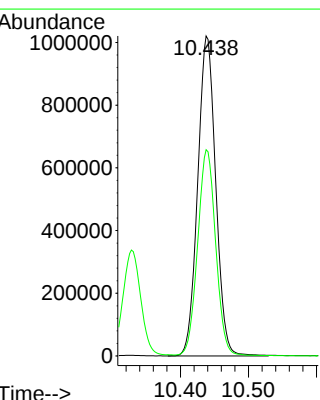
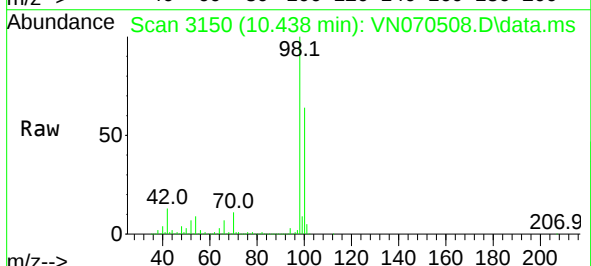
Acq: 6 Jan 2022 10:13

Tgt Ion: 98 Resp: 1878170

Ion Ratio Lower Upper

98 100

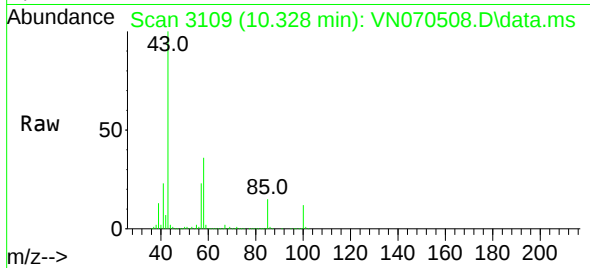
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 270.247 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

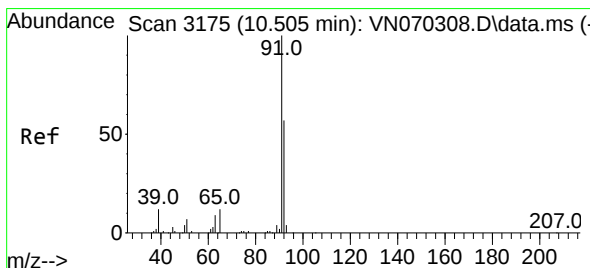
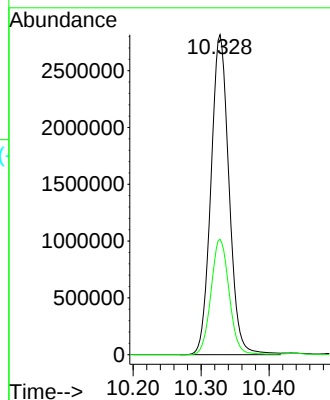
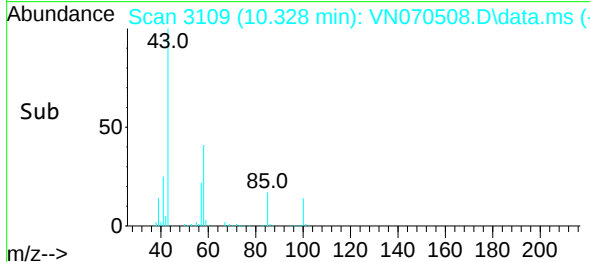
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 5202629
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

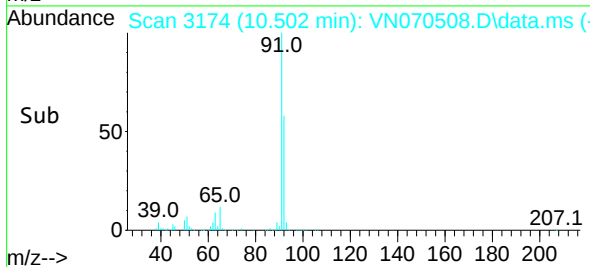
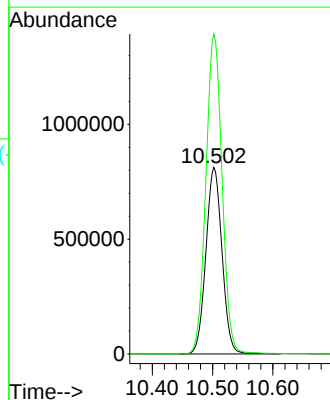
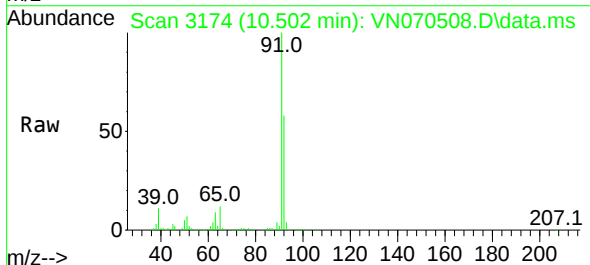
Manual Integrations
APPROVED

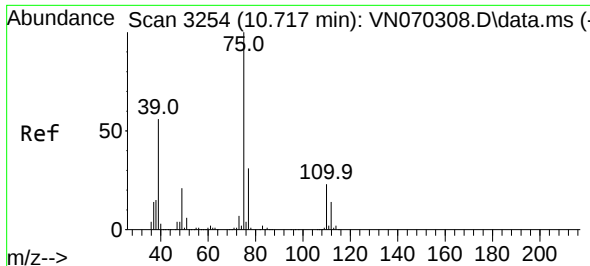
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#52
Toluene
Concen: 54.191 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

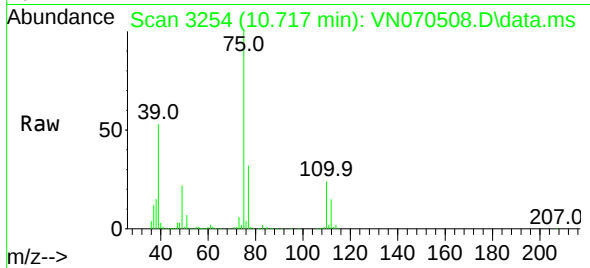
Tgt Ion: 92 Resp: 1507592
Ion Ratio Lower Upper
92 100
91 172.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 53.419 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

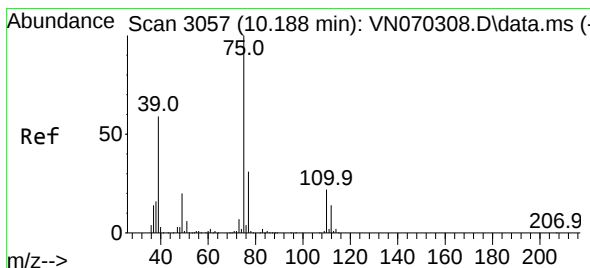
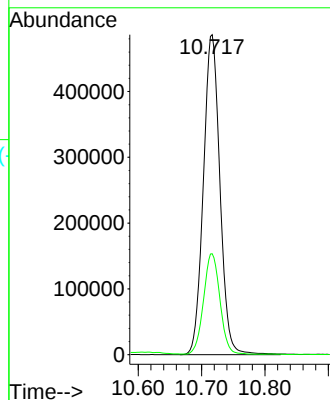
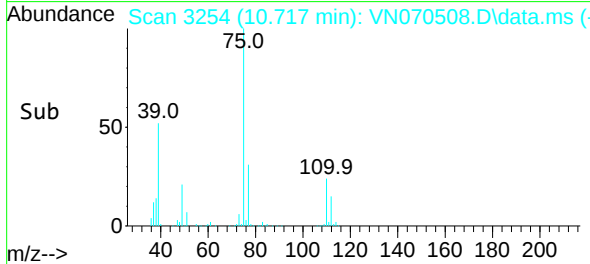
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



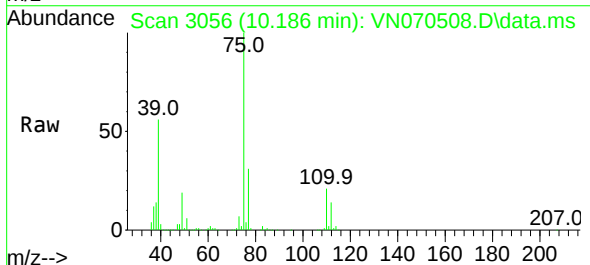
Tgt Ion: 75 Resp: 88360
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
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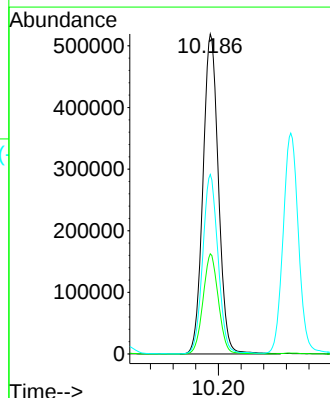
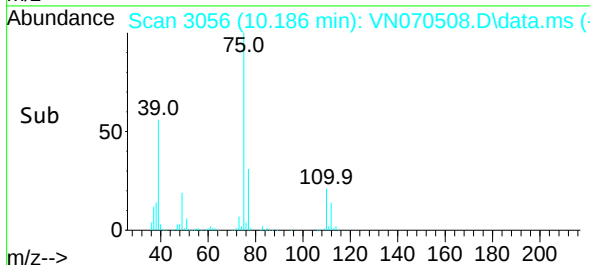
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

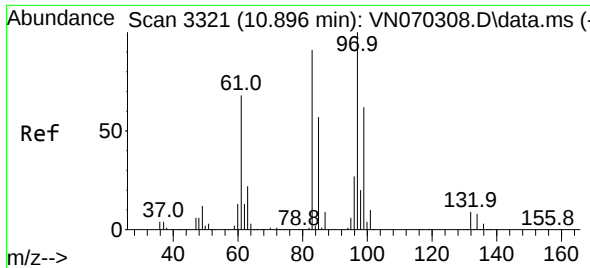


#54
cis-1,3-Dichloropropene
Concen: 54.948 ug/l
RT: 10.186 min Scan# 3056
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



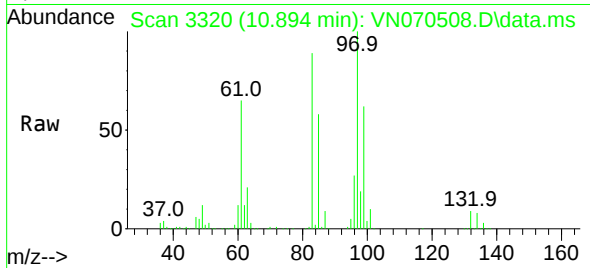
Tgt Ion: 75 Resp: 983199
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 56.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.319 ug/l
RT: 10.894 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

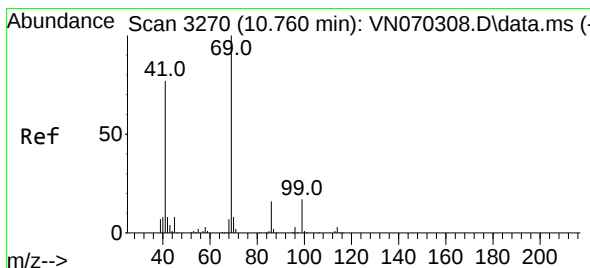
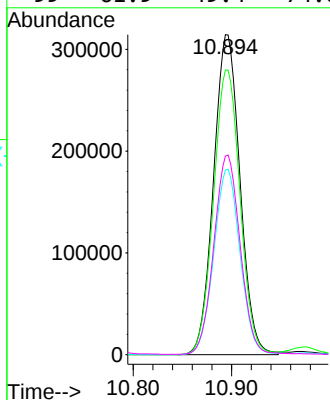
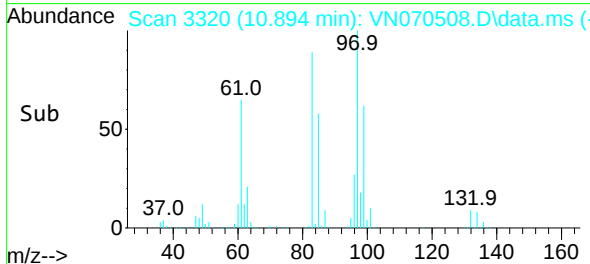
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



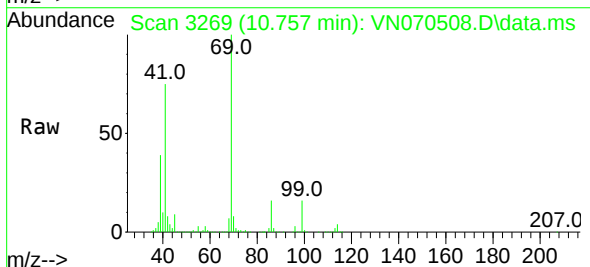
Tgt Ion: 97 Resp: 586890
Ion Ratio Lower Upper
97 100
83 88.9 67.8 101.6
85 57.7 45.4 68.2
99 61.9 49.4 74.0

Manual Integrations
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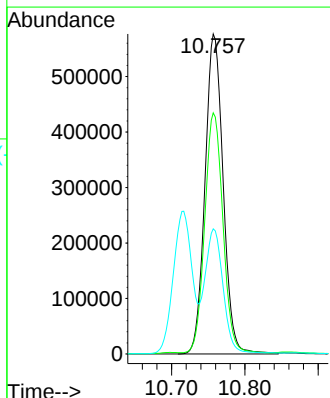
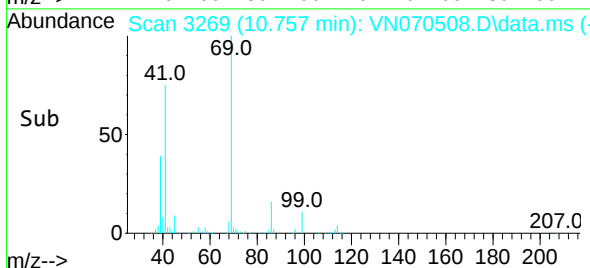
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

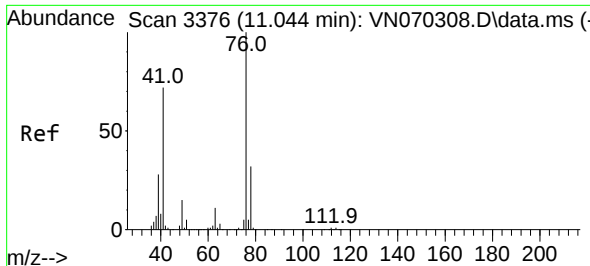


#56
Ethyl methacrylate
Concen: 54.492 ug/l
RT: 10.757 min Scan# 3269
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



Tgt Ion: 69 Resp: 991078
Ion Ratio Lower Upper
69 100
41 75.2 51.4 77.0
39 38.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 53.860 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 104859

Ion Ratio Lower Upper

76 100

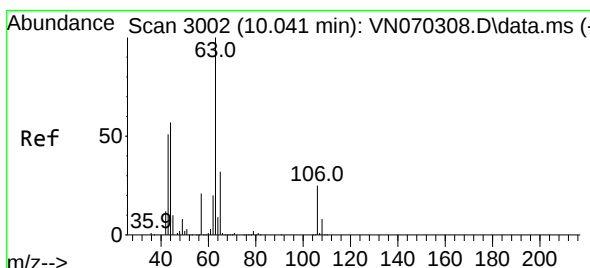
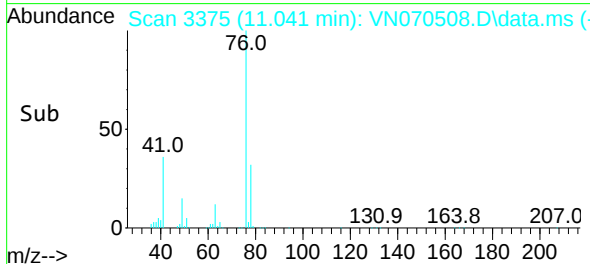
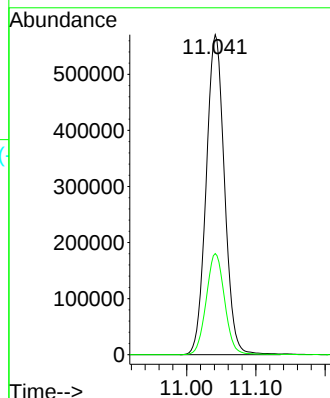
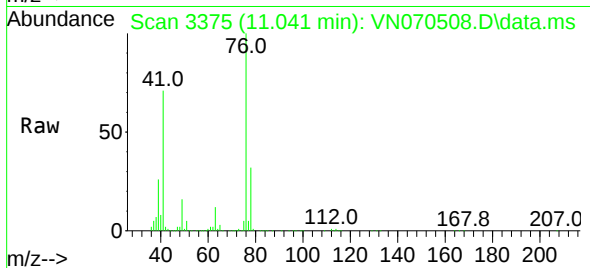
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 238.745 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070508.D

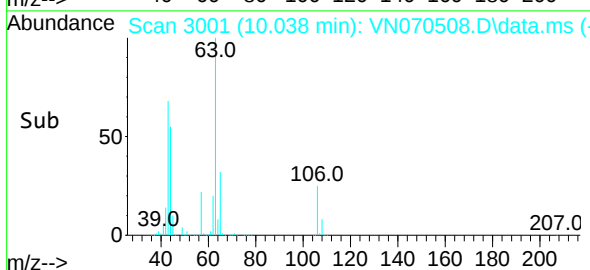
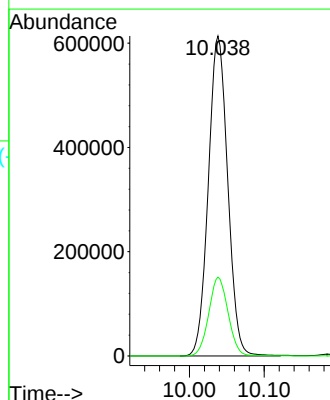
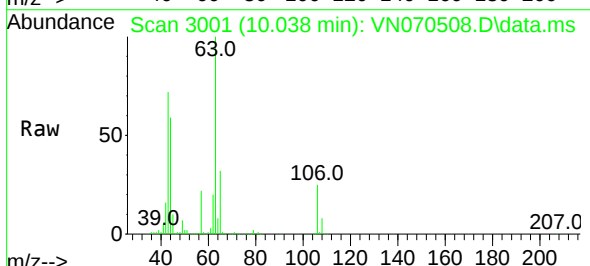
Acq: 6 Jan 2022 10:13

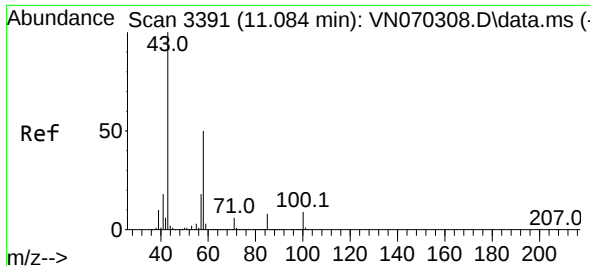
Tgt Ion: 63 Resp: 1104950

Ion Ratio Lower Upper

63 100

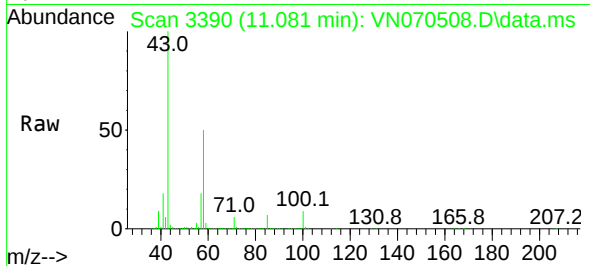
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 281.042 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

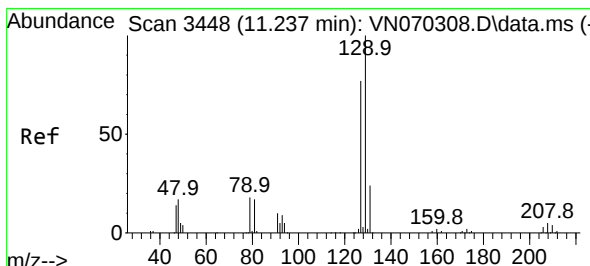
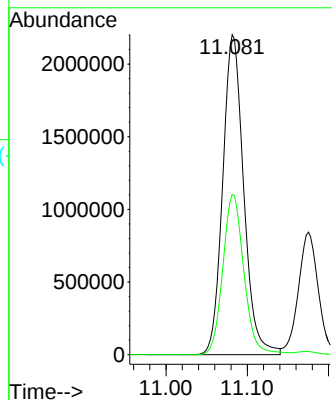
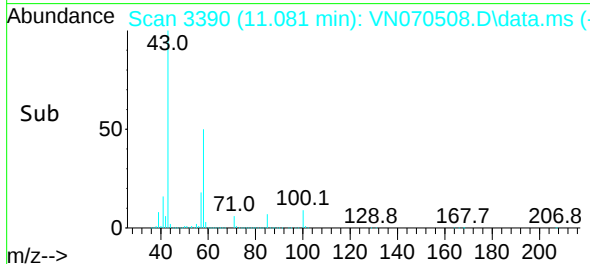
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 394554
Ion Ratio Lower Upper
43 100
58 50.5 26.9 80.7

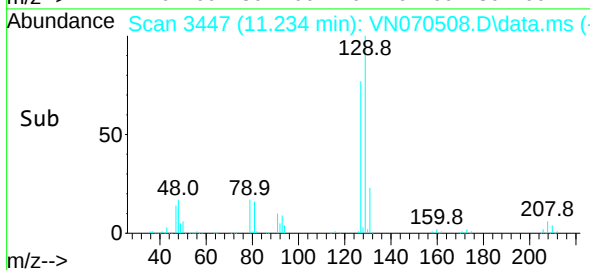
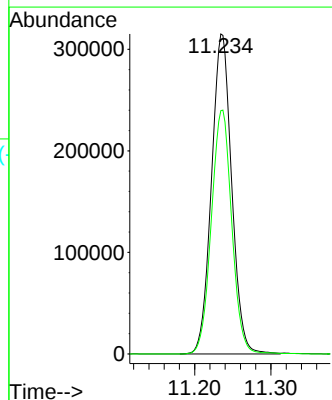
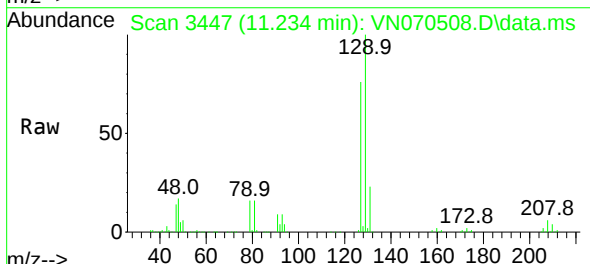
Manual Integrations
APPROVED

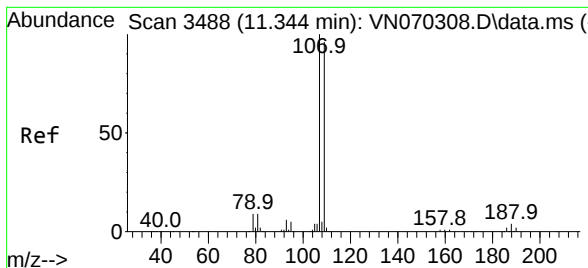
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#60
Dibromochloromethane
Concen: 53.912 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

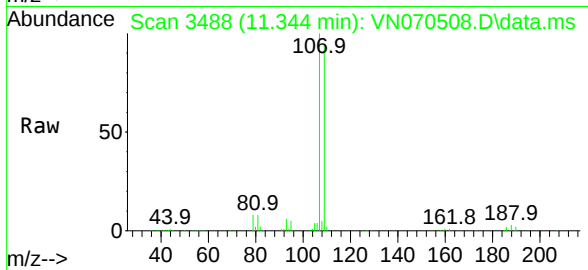
Tgt Ion:129 Resp: 578991
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.224 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

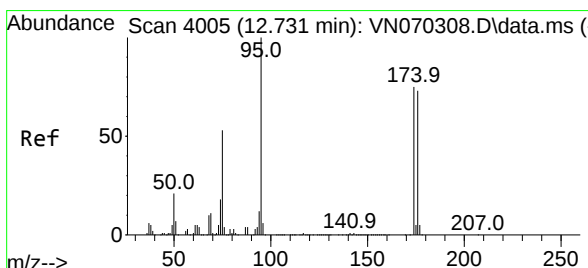
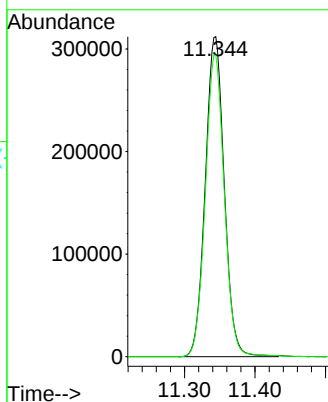
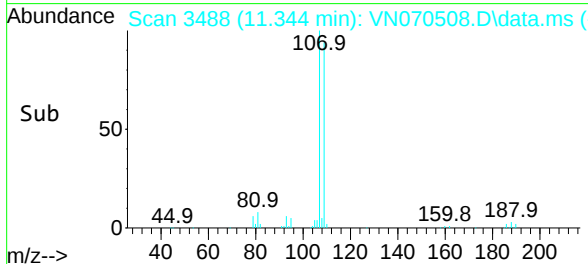
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



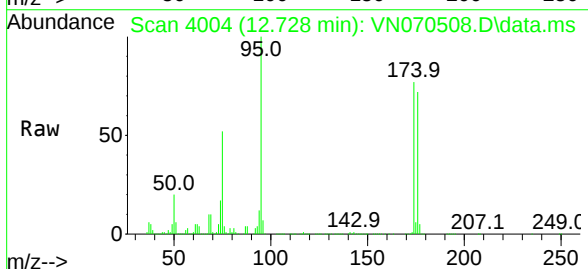
Tgt Ion:107 Resp: 583679
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

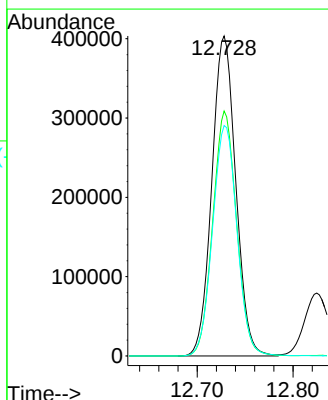
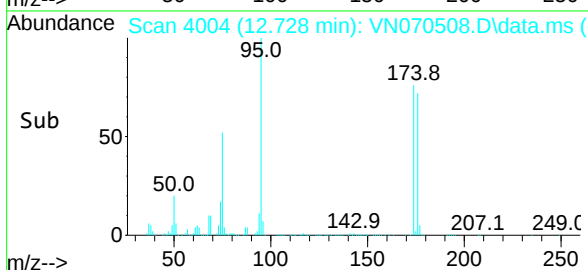
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

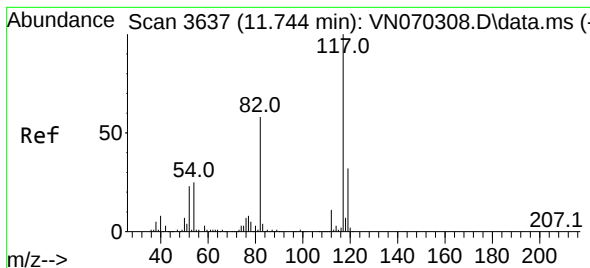


#62
4-Bromofluorobenzene
Concen: 52.250 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



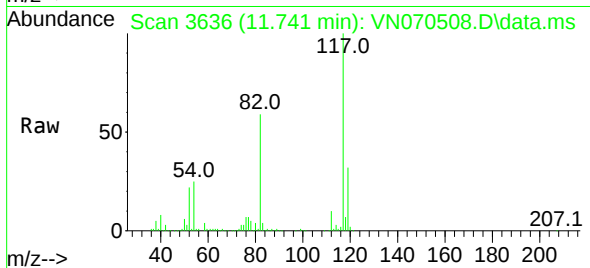
Tgt Ion: 95 Resp: 698644
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

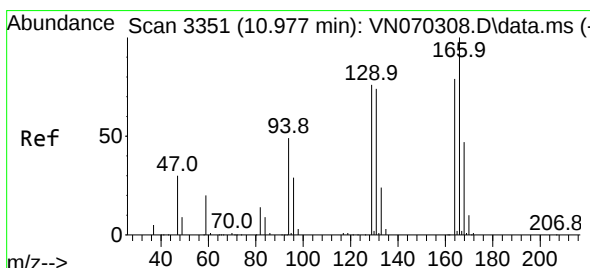
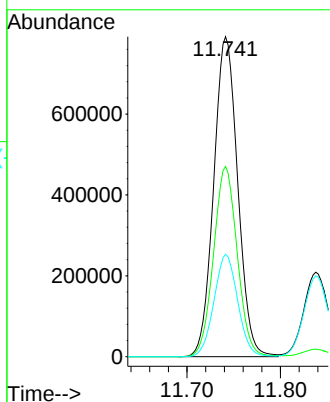
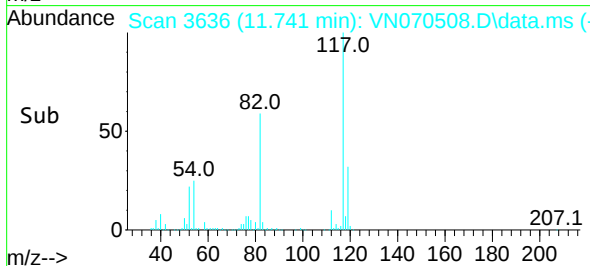
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



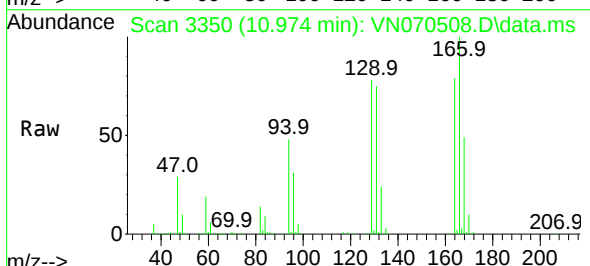
Tgt Ion:117 Resp: 1411692
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

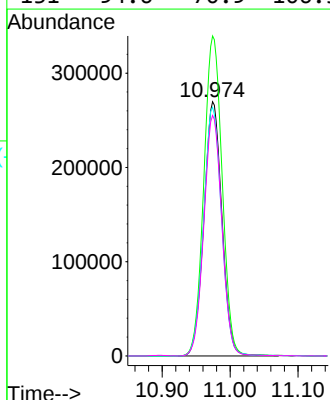
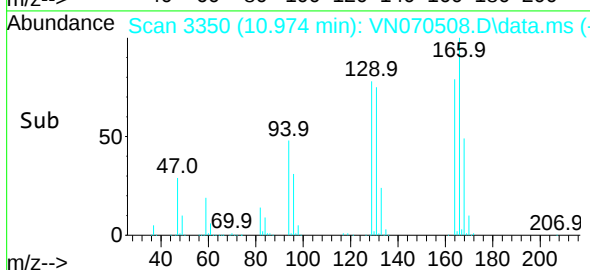
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

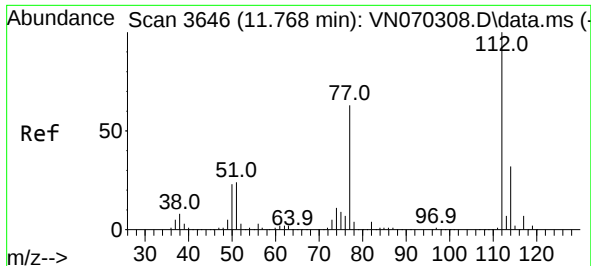


#64
Tetrachloroethene
Concen: 48.642 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



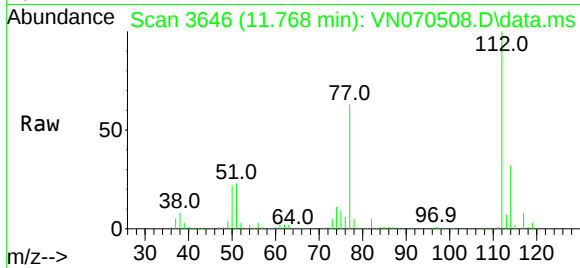
Tgt Ion:164 Resp: 497249
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 97.7 72.0 108.0
131 94.6 70.9 106.3





#65
Chlorobenzene
Concen: 52.021 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

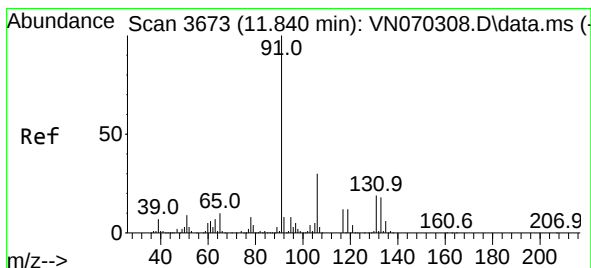
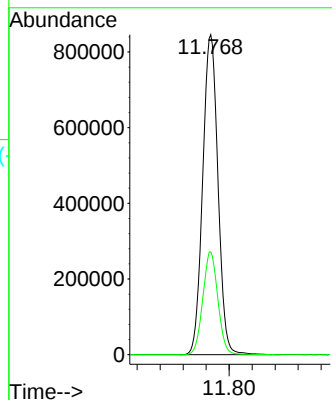
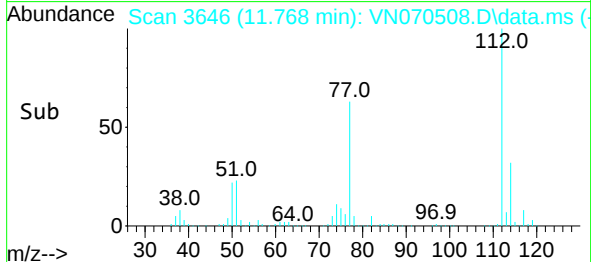
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



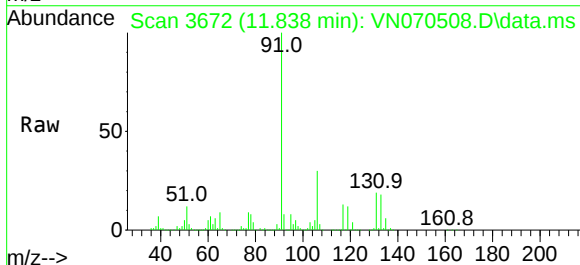
Tgt Ion:112 Resp: 155819
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

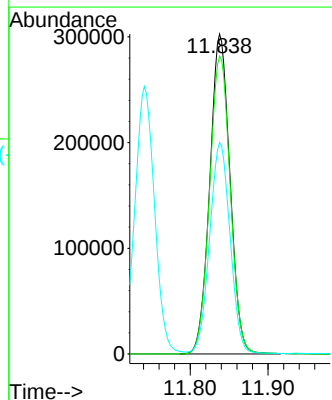
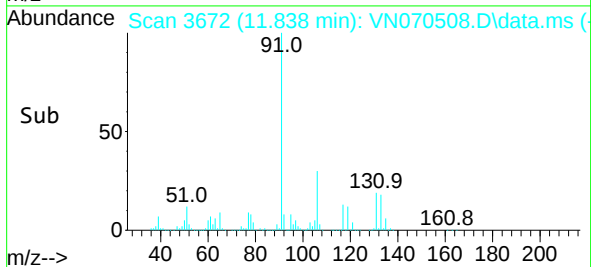
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

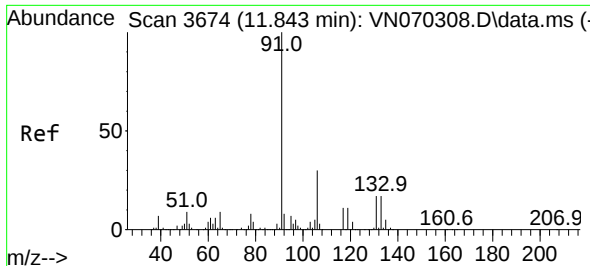


#66
1,1,1,2-Tetrachloroethane
Concen: 50.874 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



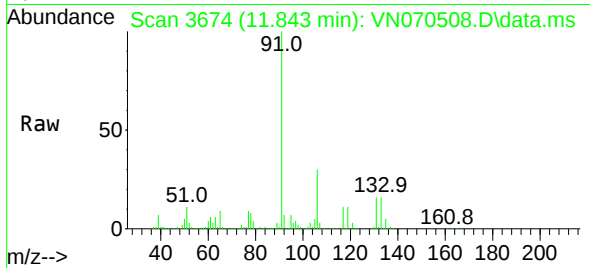
Tgt Ion:131 Resp: 544001
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 67.1 32.1 96.5





#67
Ethyl Benzene
Concen: 53.367 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

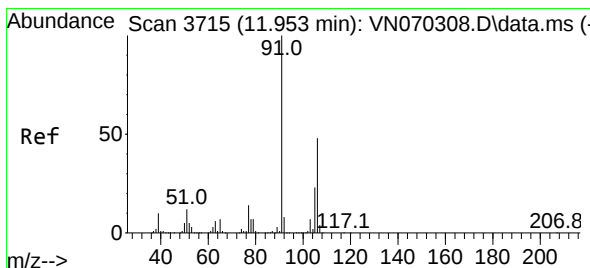
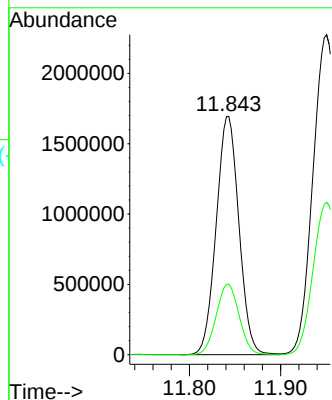
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2928799
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

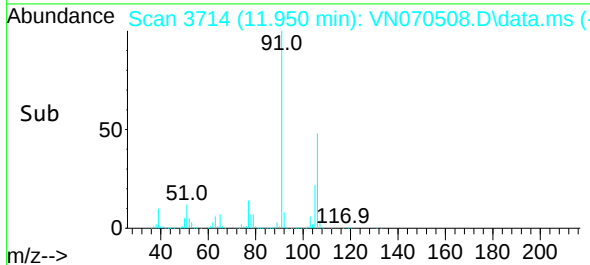
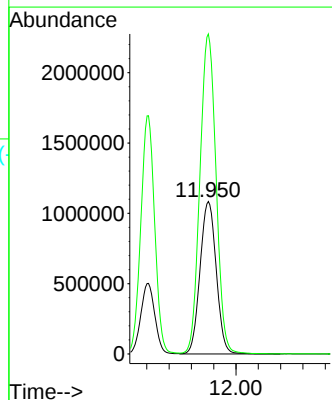
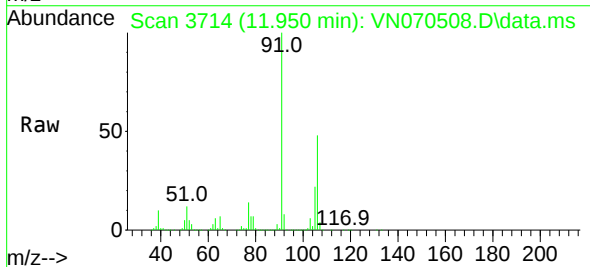
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#68
m/p-Xylenes
Concen: 109.128 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion:106 Resp: 2180051
Ion Ratio Lower Upper
106 100
91 209.3 160.6 240.8





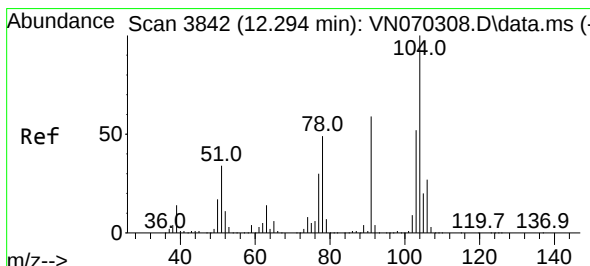
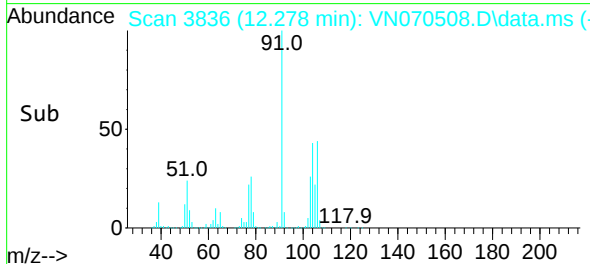
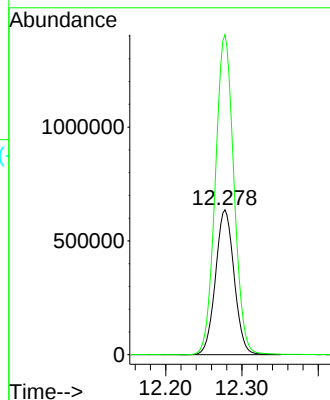
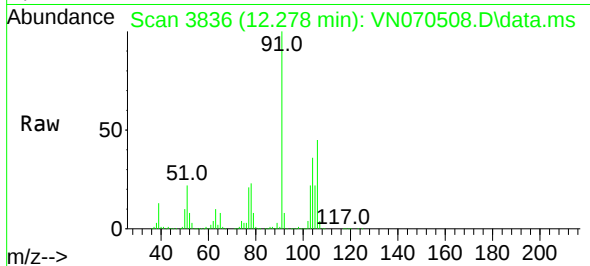
#69
o-Xylene
Concen: 54.300 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1078948
Ion Ratio Lower Upper
106 100
91 221.0 105.8 317.3

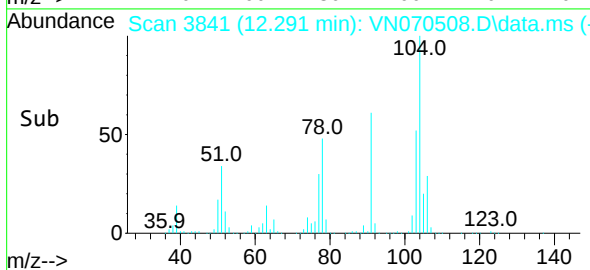
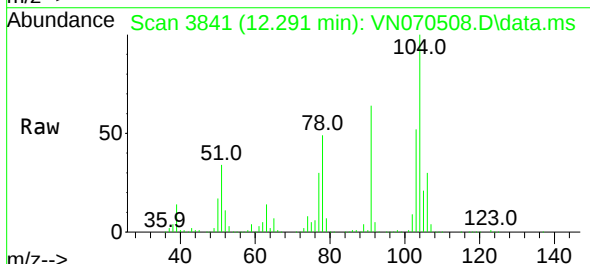
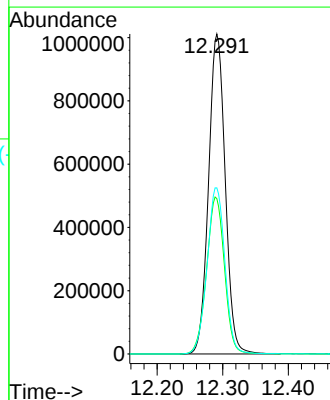
Manual Integrations
APPROVED

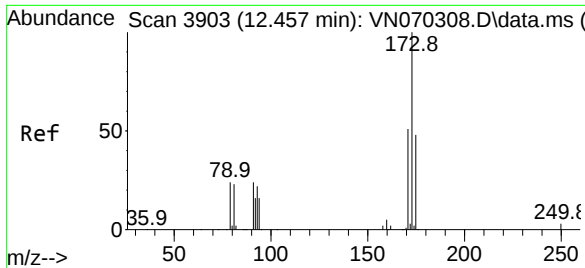
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#70
Styrene
Concen: 56.803 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion:104 Resp: 1786398
Ion Ratio Lower Upper
104 100
78 52.6 38.7 58.1
103 55.6 45.0 67.6





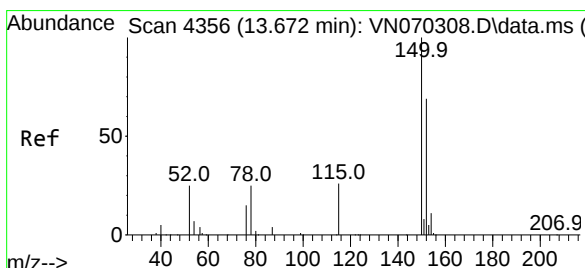
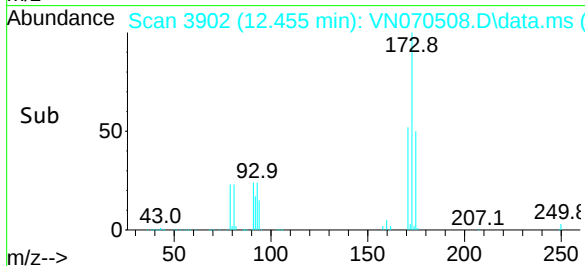
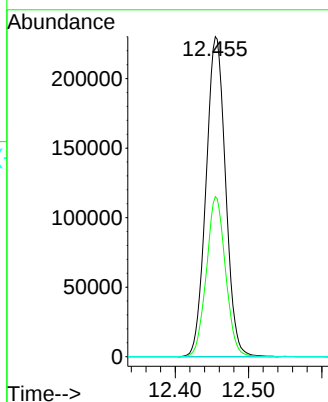
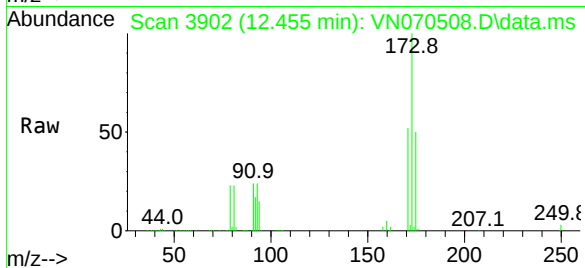
#71
Bromoform
Concen: 53.646 ug/l
RT: 12.455 min Scan# 3903
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 425730
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

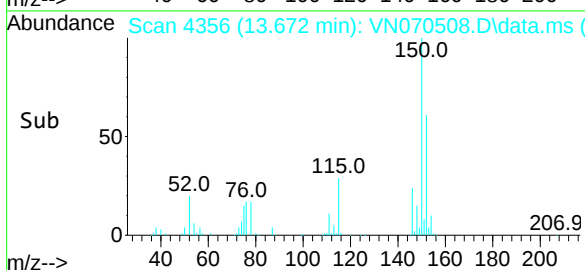
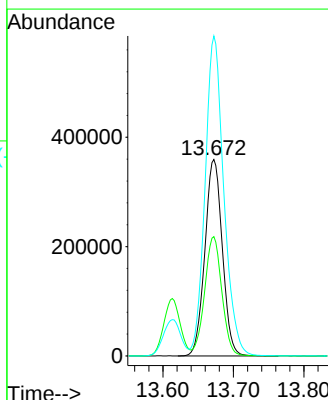
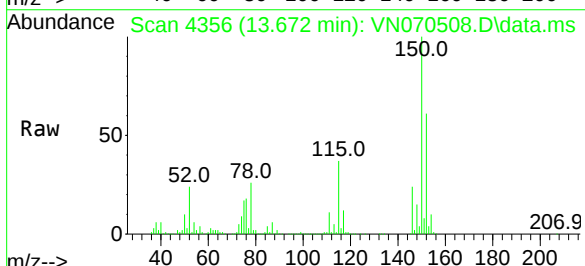
Manual Integrations
APPROVED

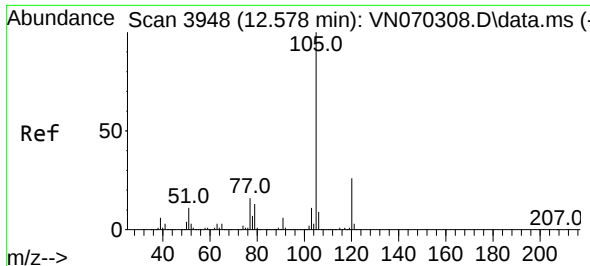
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

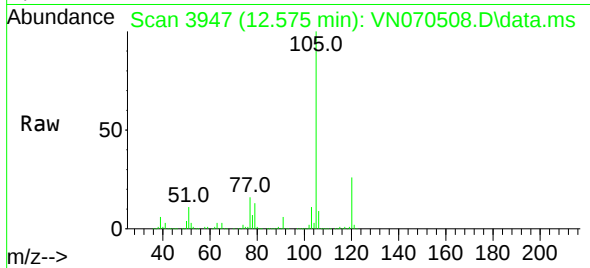
Tgt Ion:152 Resp: 618656
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 174.8 0.0 344.4





#73
Isopropylbenzene
Concen: 49.395 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

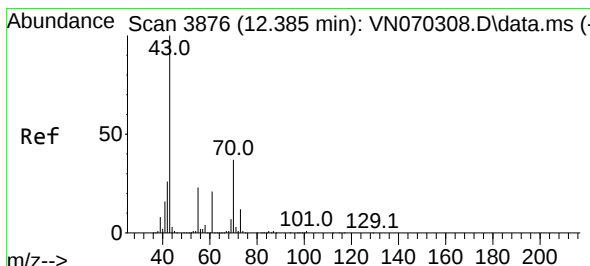
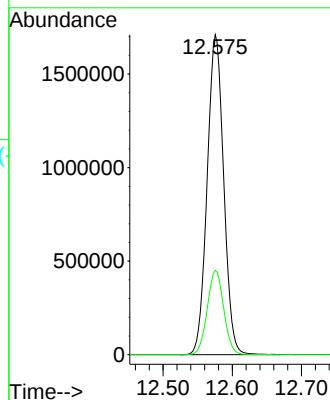
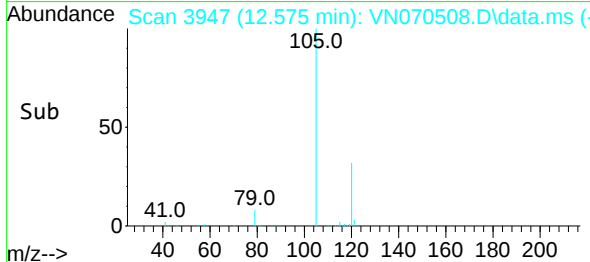
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 283779
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

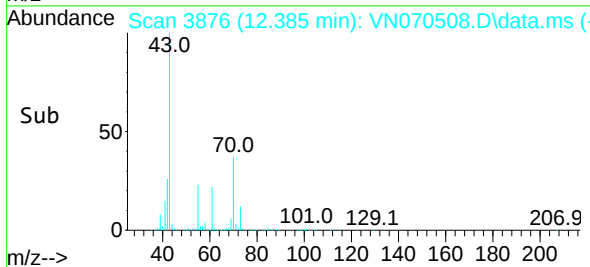
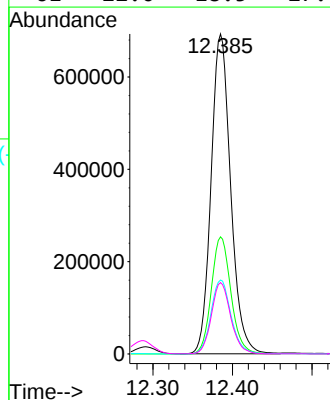
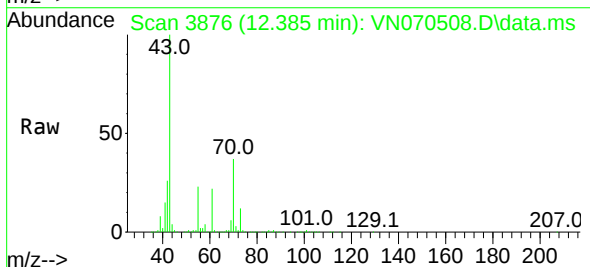
Manual Integrations
APPROVED

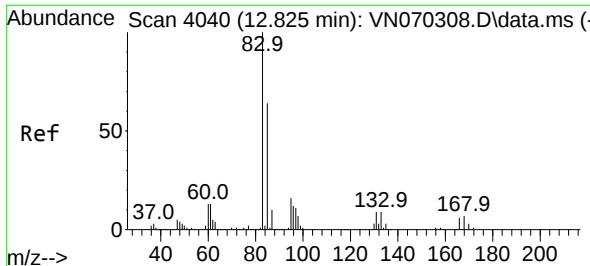
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#74
N-ethyl acetate
Concen: 49.114 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

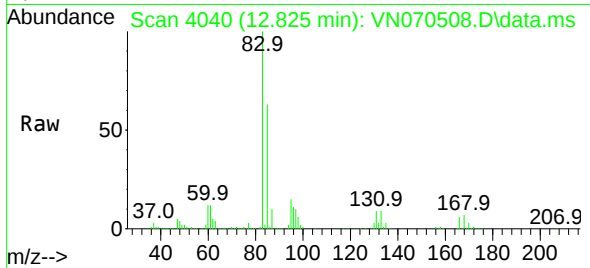
Tgt Ion: 43 Resp: 1186403
Ion Ratio Lower Upper
43 100
70 36.8 33.4 50.0
55 23.7 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.712 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

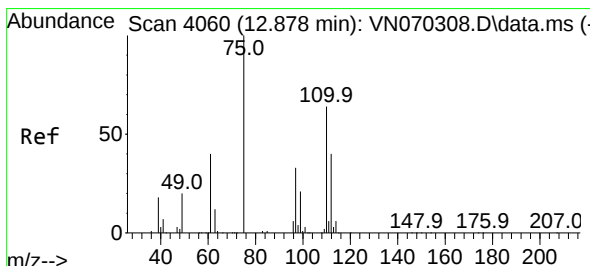
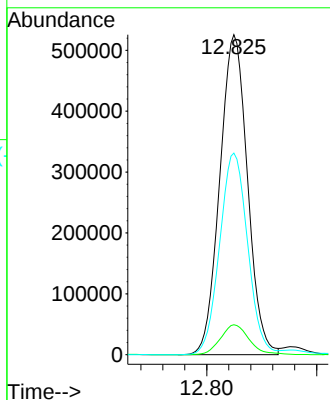
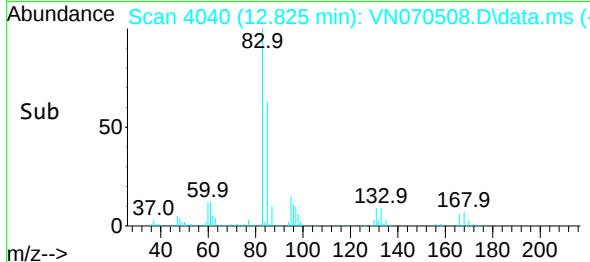
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



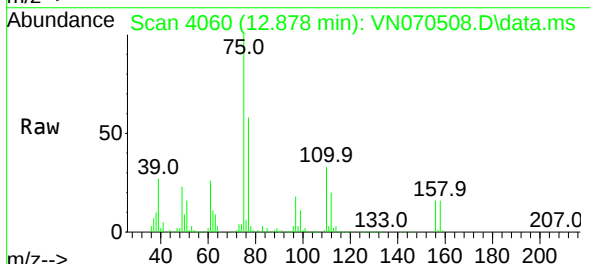
Tgt Ion: 83 Resp: 919964
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

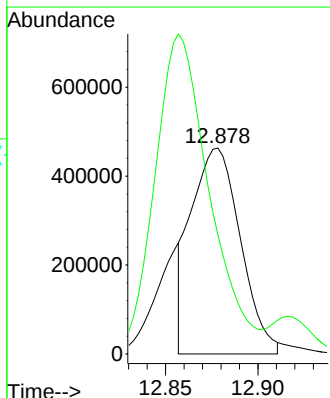
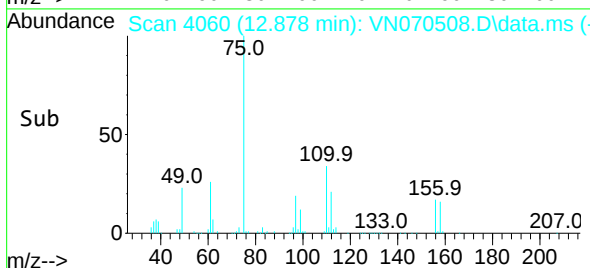
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

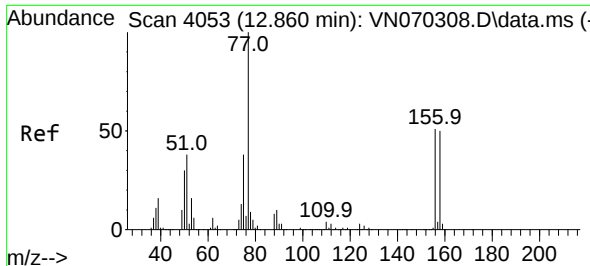


#76
1,2,3-Trichloropropane
Concen: 47.097 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



Tgt Ion: 75 Resp: 859521
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





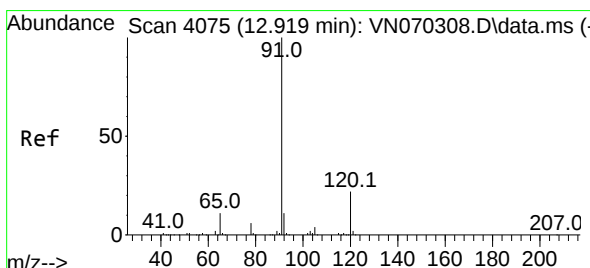
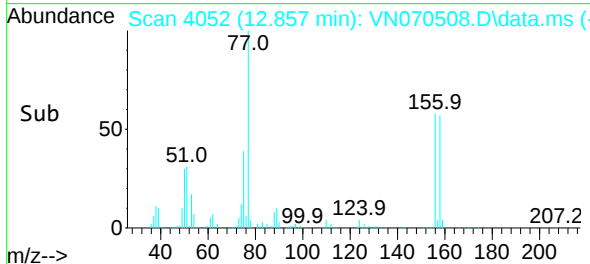
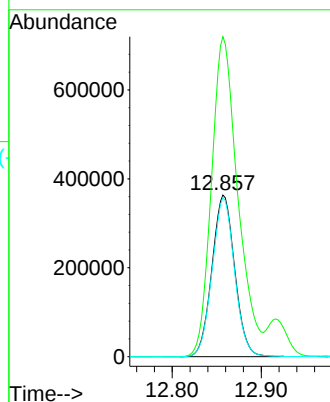
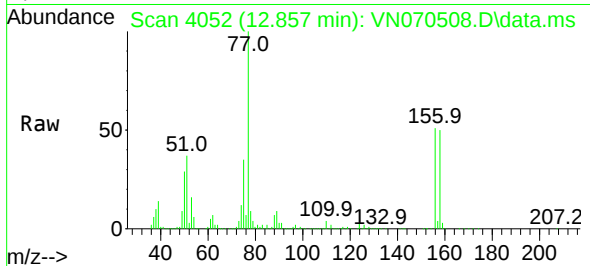
#77
Bromobenzene
Concen: 48.855 ug/l
RT: 12.857 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 64439
Ion Ratio Lower Upper
156 100
77 229.5 90.6 271.8
158 97.1 48.9 146.7

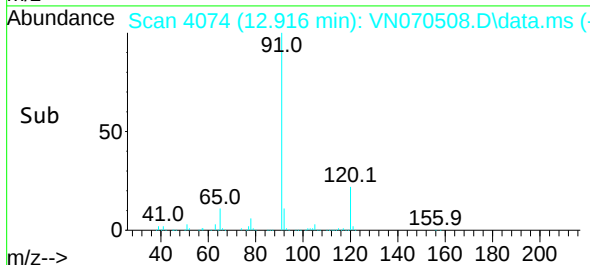
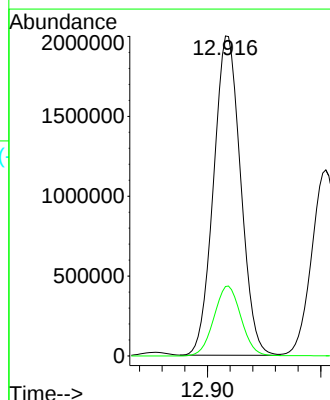
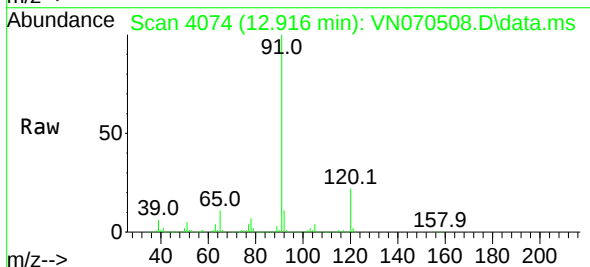
Manual Integrations
APPROVED

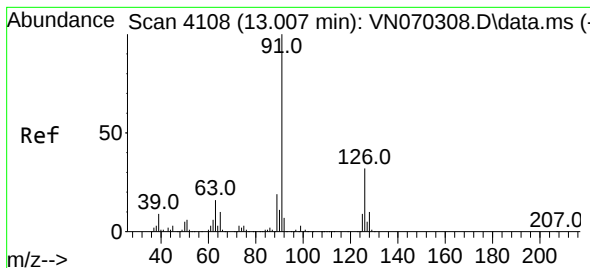
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#78
n-propylbenzene
Concen: 52.005 ug/l
RT: 12.916 min Scan# 4074
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

Tgt Ion: 91 Resp: 3310393
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





#79

2-Chlorotoluene

Concen: 48.901 ug/l

RT: 13.004 min Scan# 4107

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1997280

Ion Ratio Lower Upper

91 100

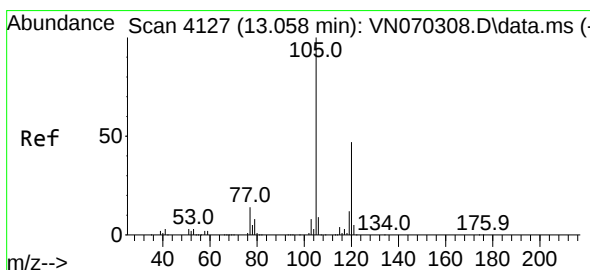
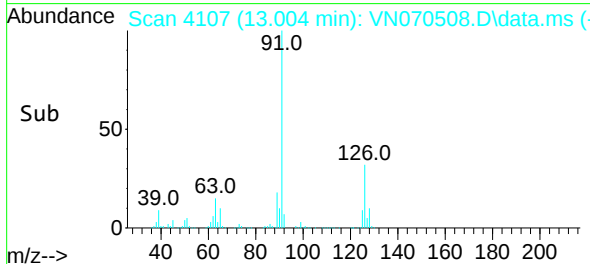
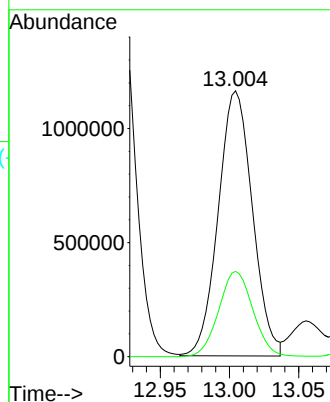
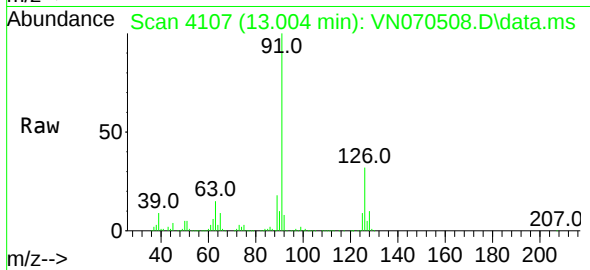
126 32.3 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#80

1,3,5-Trimethylbenzene

Concen: 50.607 ug/l

RT: 13.055 min Scan# 4126

Delta R.T. -0.003 min

Lab File: VN070508.D

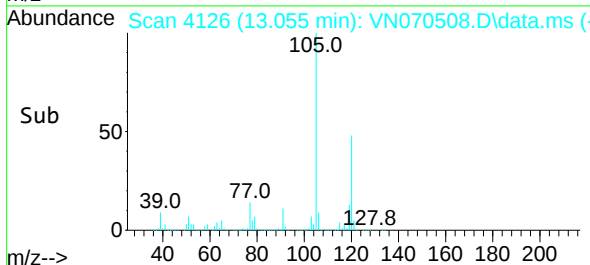
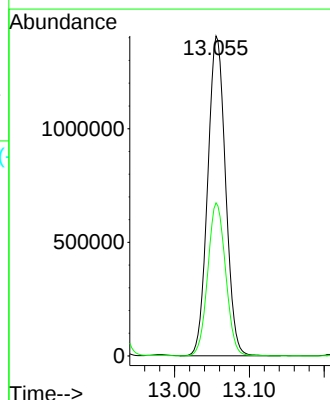
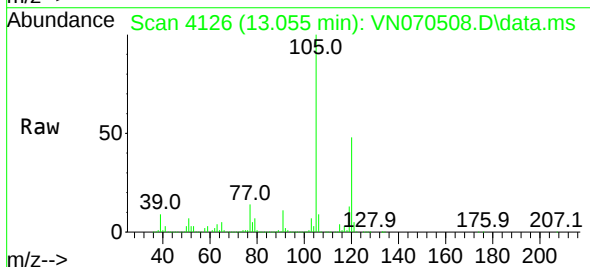
Acq: 6 Jan 2022 10:13

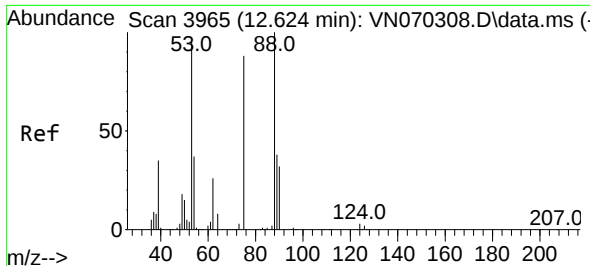
Tgt Ion:105 Resp: 2329893

Ion Ratio Lower Upper

105 100

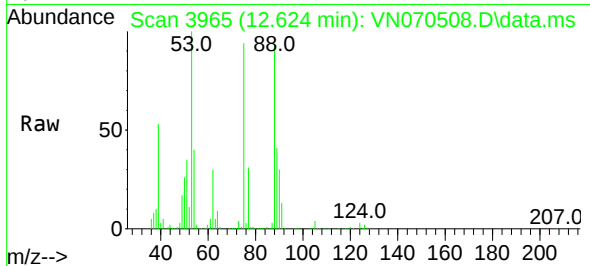
120 47.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.086 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

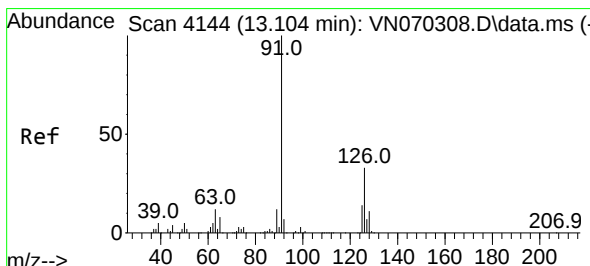
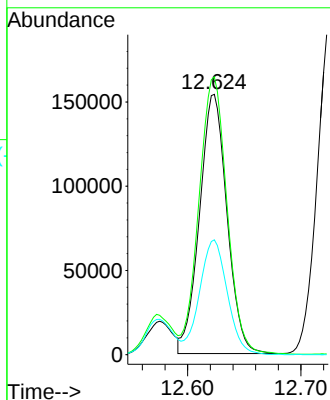
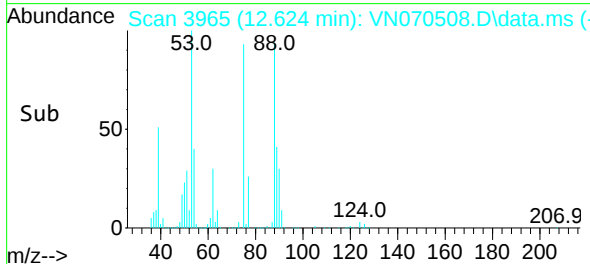
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



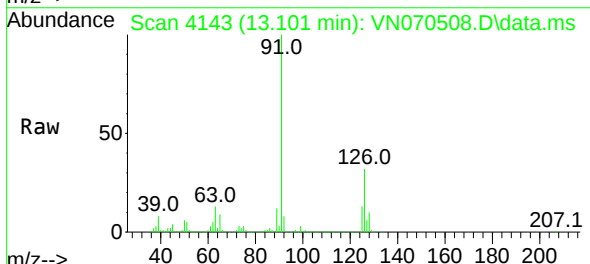
Tgt Ion: 75 Resp: 258680
Ion Ratio Lower Upper
75 100
53 109.9 90.5 135.7
89 44.7 38.2 57.4

Manual Integrations
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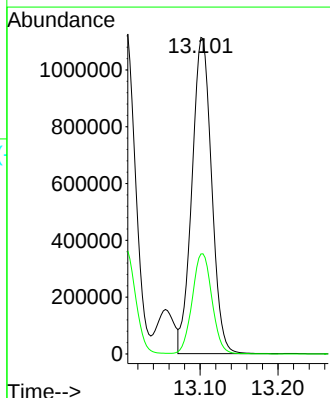
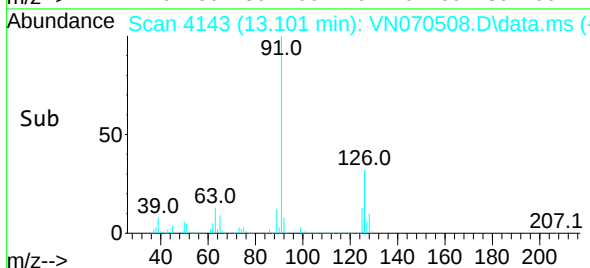
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

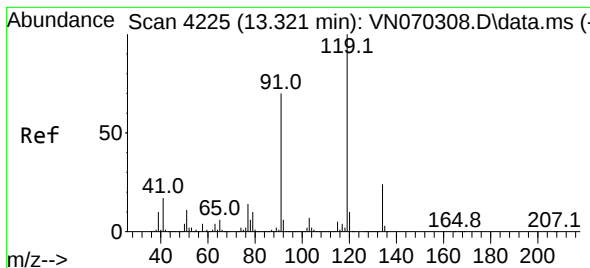


#82
4-Chlorotoluene
Concen: 50.914 ug/l
RT: 13.101 min Scan# 4143
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



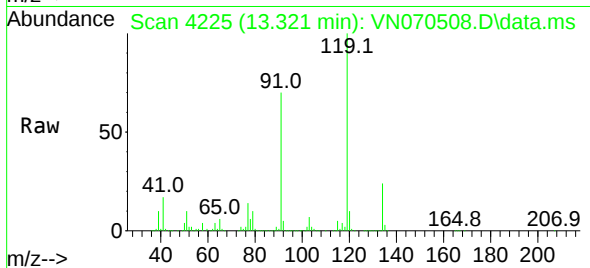
Tgt Ion: 91 Resp: 1947855
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.106 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

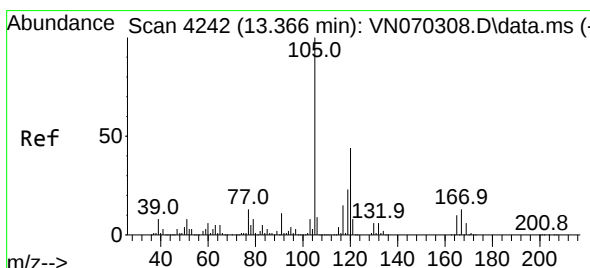
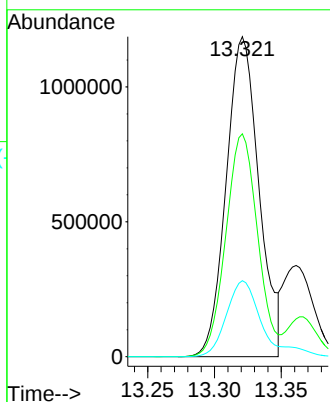
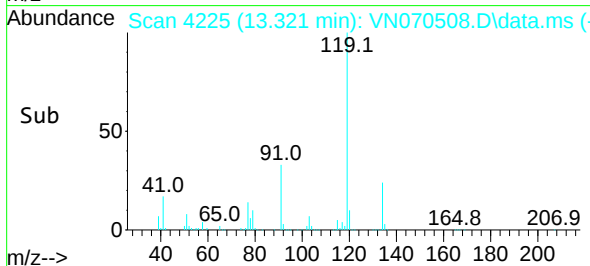
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



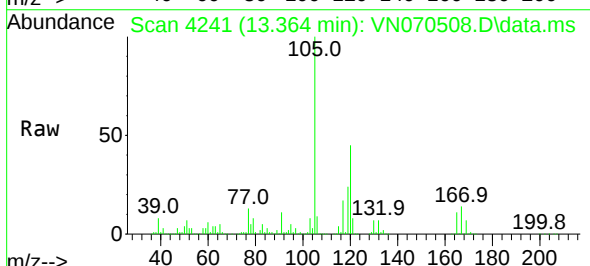
Tgt Ion:119 Resp: 203124
Ion Ratio Lower Upper
119 100
91 67.4 31.5 94.5
134 25.8 12.4 37.4

Manual Integrations
APPROVED

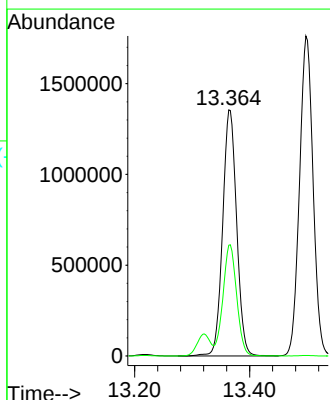
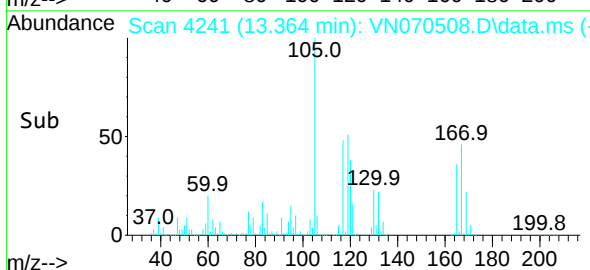
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

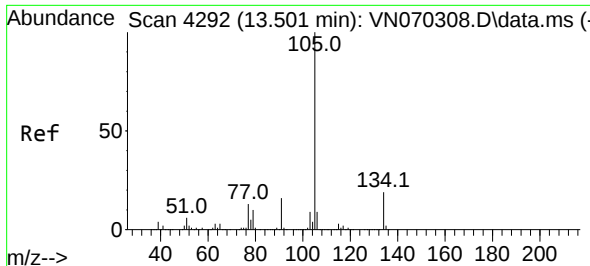


#84
1,2,4-Trimethylbenzene
Concen: 51.524 ug/l
RT: 13.364 min Scan# 4241
Delta R.T. -0.002 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



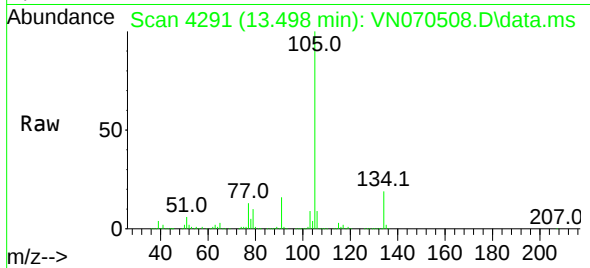
Tgt Ion:105 Resp: 2284182
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 52.249 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.003 min
 Lab File: VN070508.D
 Acq: 6 Jan 2022 10:13

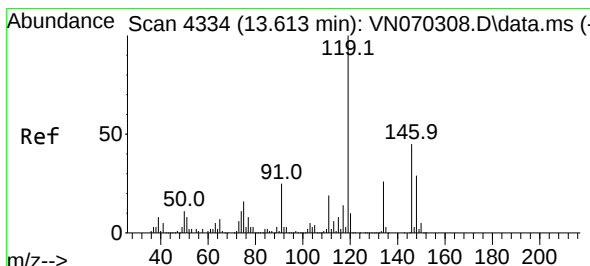
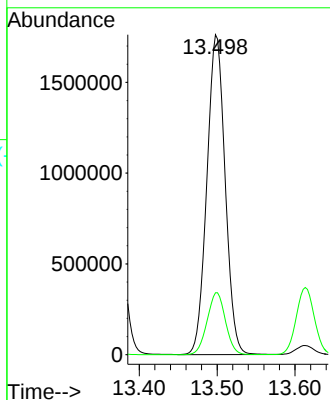
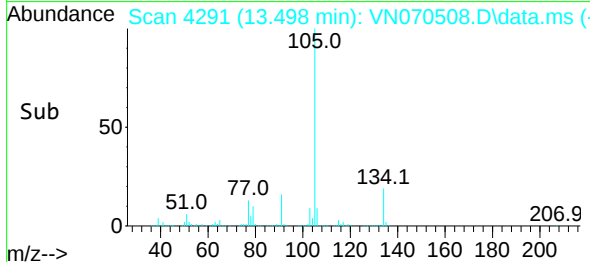
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



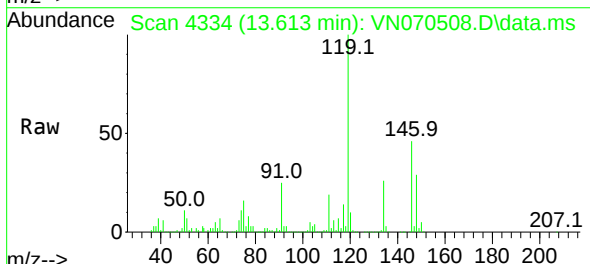
Tgt Ion:105 Resp: 287568
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
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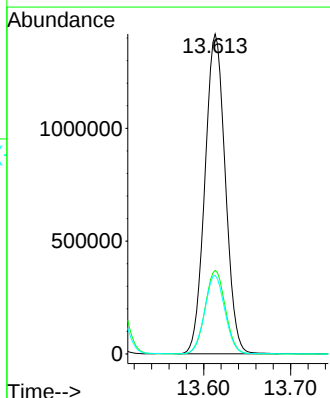
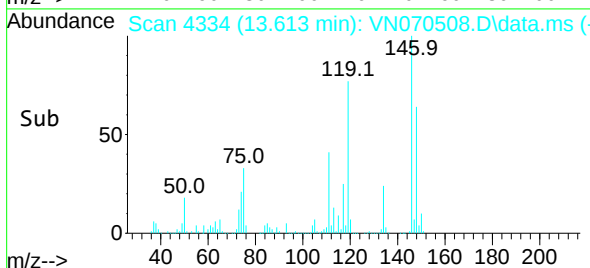
Reviewed By :John Carlone 01/10/2022
 Supervised By :Mahesh Dadoda 01/11/2022

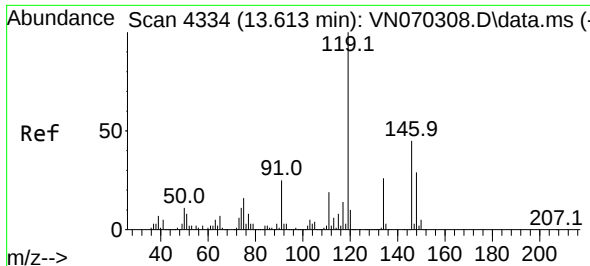


#86
 p-Isopropyltoluene
 Concen: 53.309 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070508.D
 Acq: 6 Jan 2022 10:13



Tgt Ion:119 Resp: 2304791
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 24.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 50.919 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070508.D

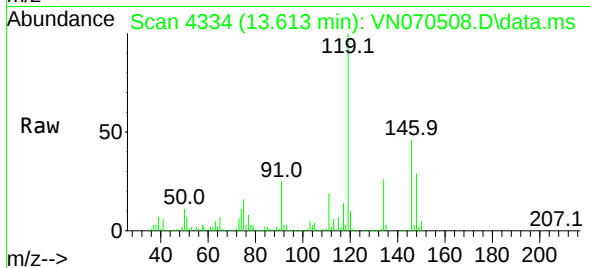
Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 1124309

Ion Ratio Lower Upper

146 100

111 41.3 18.6 55.6

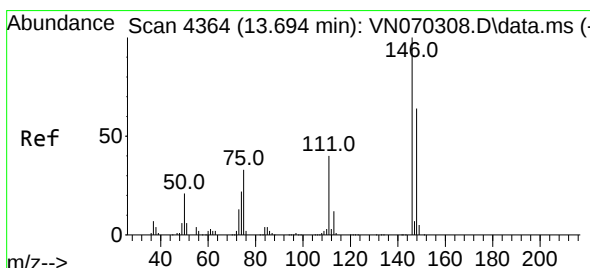
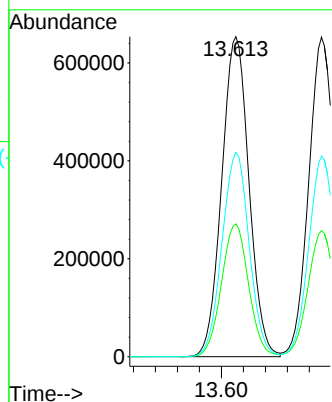
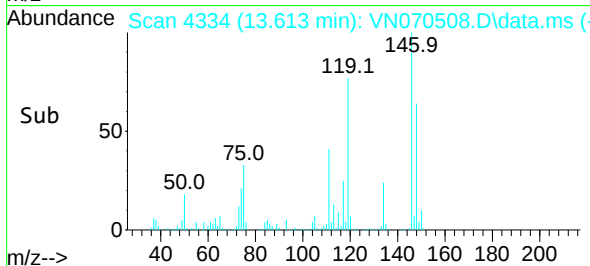
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#88

1,4-Dichlorobenzene

Concen: 50.570 ug/l

RT: 13.691 min Scan# 4363

Delta R.T. -0.003 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

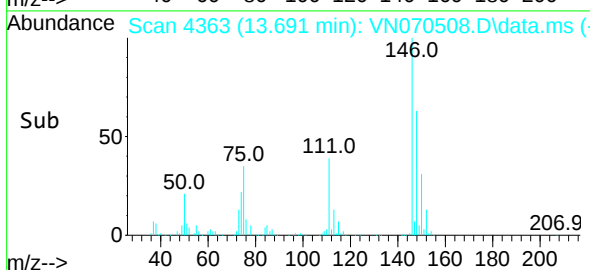
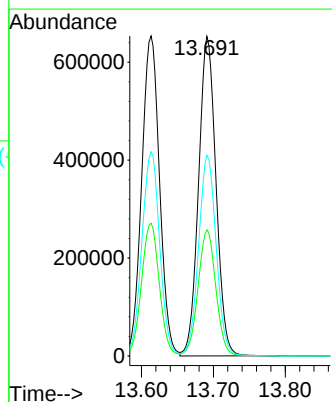
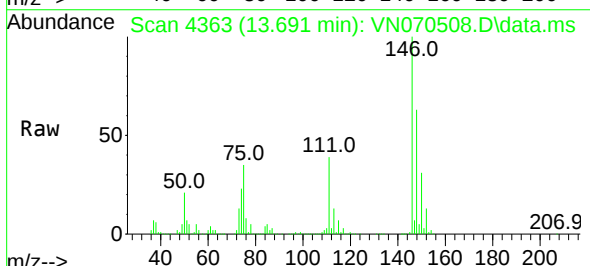
Tgt Ion:146 Resp: 1101448

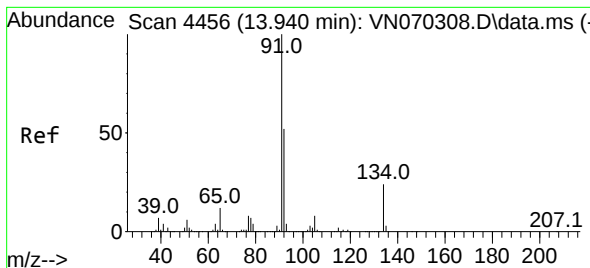
Ion Ratio Lower Upper

146 100

111 40.0 18.3 54.8

148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 52.967 ug/l

RT: 13.940 min Scan# 4456

Delta R.T. 0.000 min

Lab File: VN070508.D

Acq: 6 Jan 2022 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1910084

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

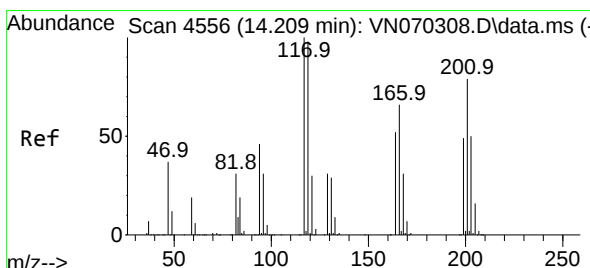
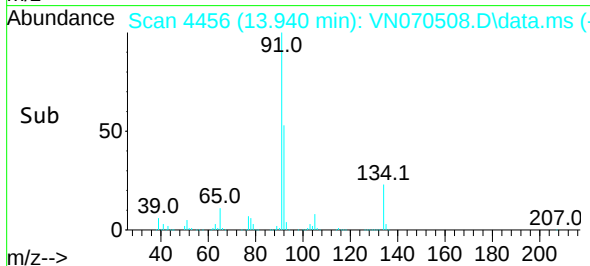
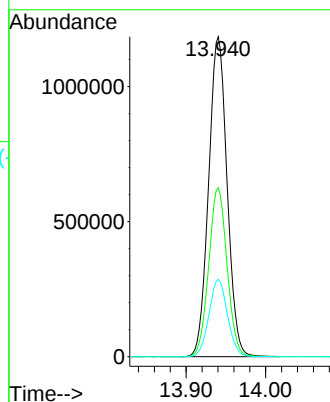
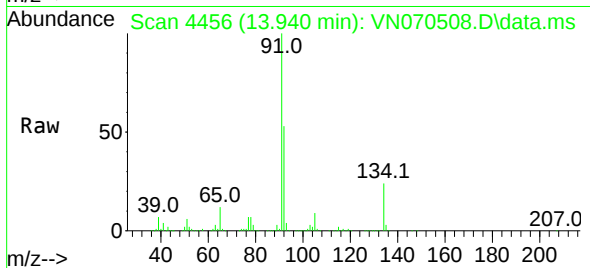
134 24.3 13.6 40.8

Manual Integrations

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Reviewed By :John Carlone 01/10/2022

Supervised By :Mahesh Dadoda 01/11/2022



#90

Hexachloroethane

Concen: 50.507 ug/l

RT: 14.209 min Scan# 4556

Delta R.T. -0.000 min

Lab File: VN070508.D

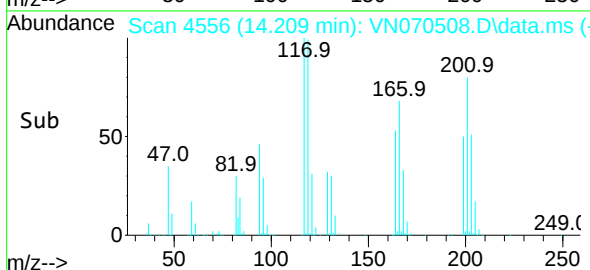
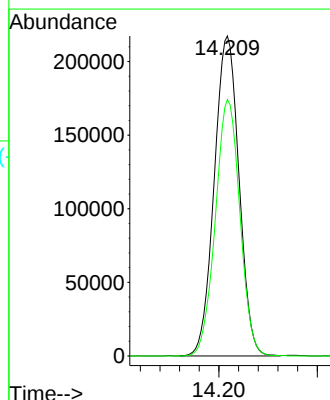
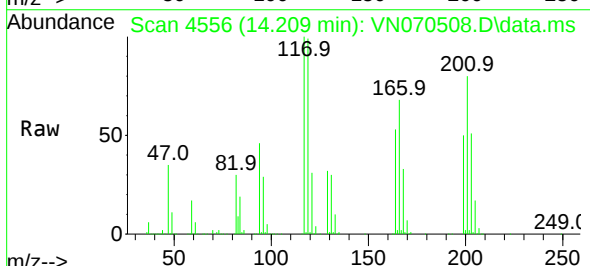
Acq: 6 Jan 2022 10:13

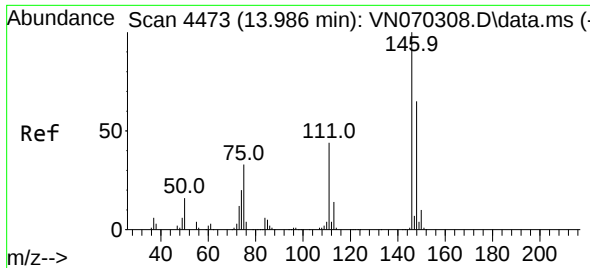
Tgt Ion:117 Resp: 379347

Ion Ratio Lower Upper

117 100

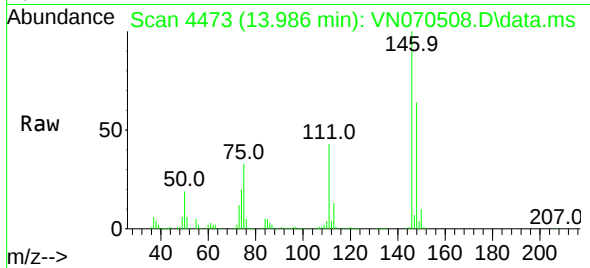
201 79.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.919 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

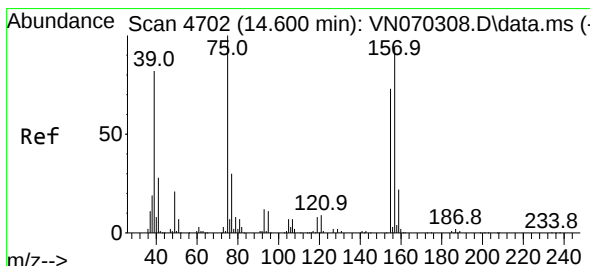
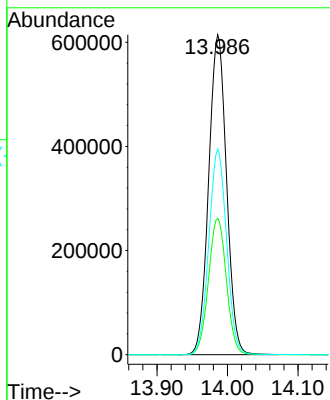
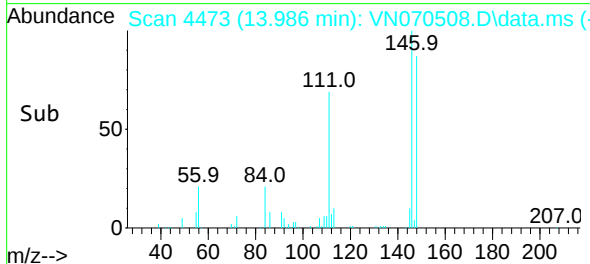
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



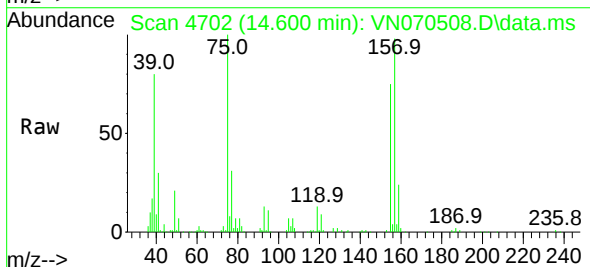
Tgt Ion:146 Resp: 1080552
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
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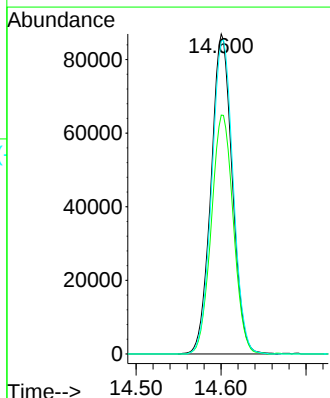
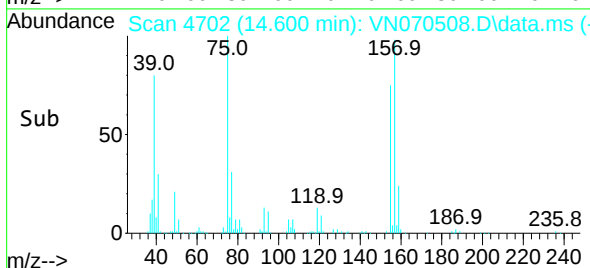
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

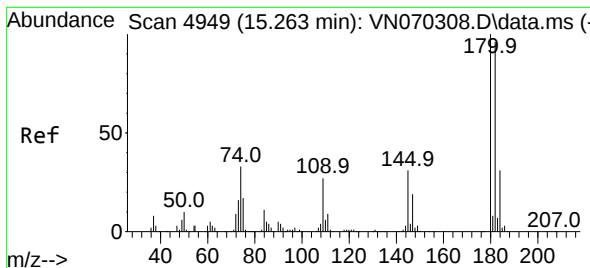


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.448 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



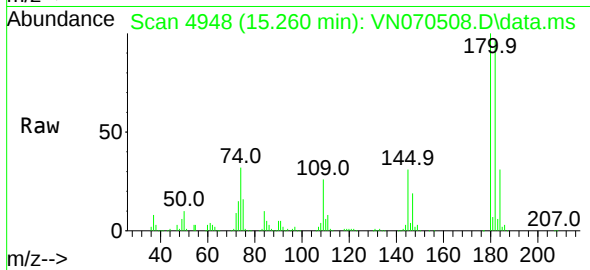
Tgt Ion: 75 Resp: 151258
Ion Ratio Lower Upper
75 100
155 77.2 46.9 140.7
157 98.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.958 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

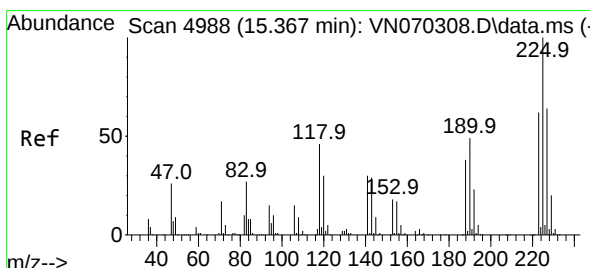
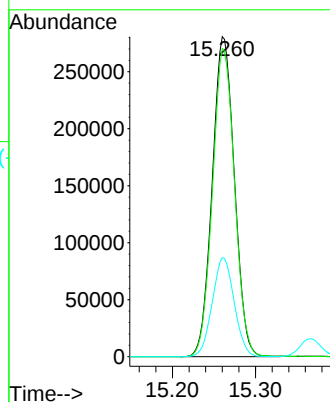
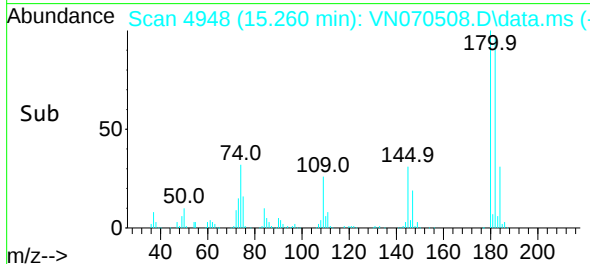
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



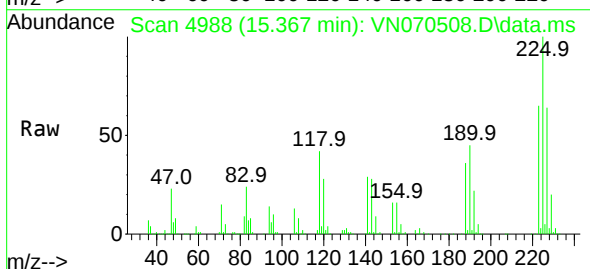
Tgt Ion:180 Resp: 51973
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
APPROVED

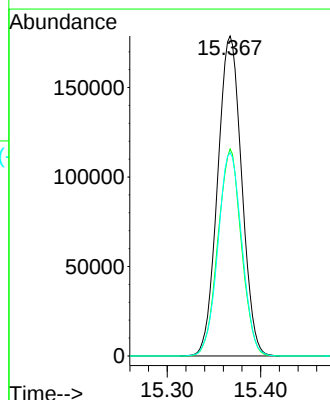
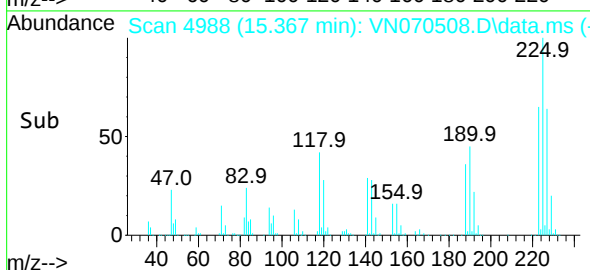
Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022

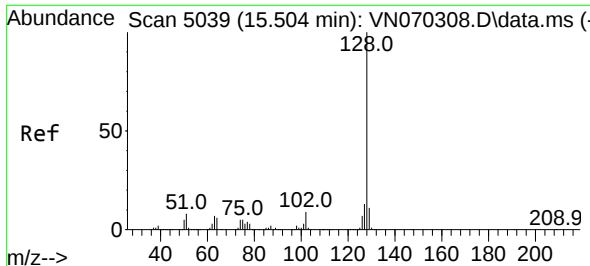


#94
Hexachlorobutadiene
Concen: 53.991 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



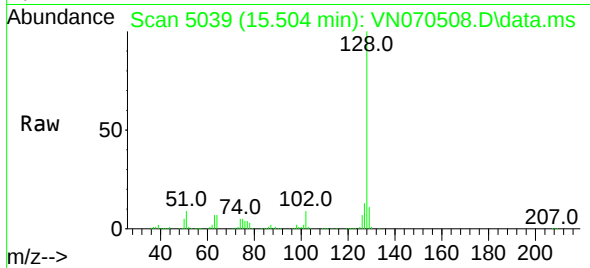
Tgt Ion:225 Resp: 320039
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 63.3 32.1 96.3





#95
Naphthalene
Concen: 45.029 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13

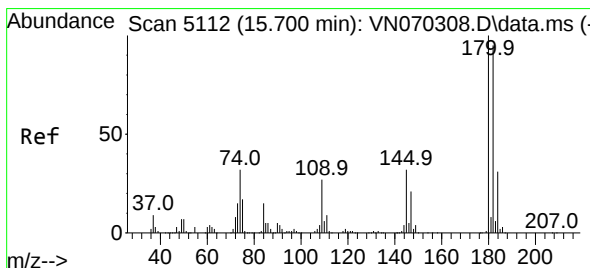
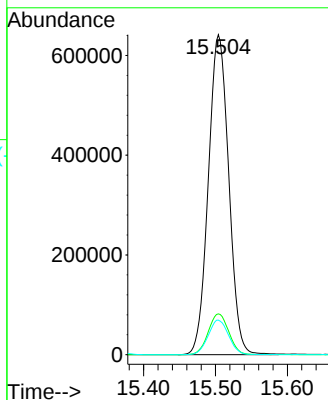
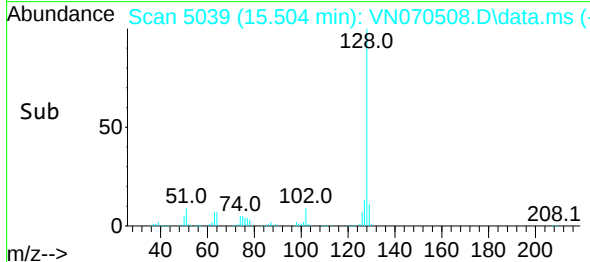
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



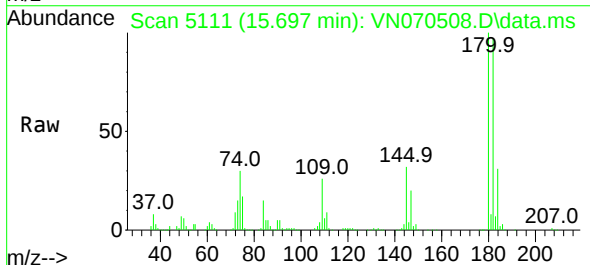
Tgt Ion:128 Resp: 1264048
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/10/2022
Supervised By :Mahesh Dadoda 01/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.478 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070508.D
Acq: 6 Jan 2022 10:13



Tgt Ion:180 Resp: 492525
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 32.5 15.0 45.1

