

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070921.D
 Acq On : 3 Feb 2022 9:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2022
 Supervised By : Mahesh Dadoda 02/08/2022

Quant Time: Feb 04 04:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	707582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1138302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1058910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	467928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	469629	49.033	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.060%		
35) Dibromofluoromethane	8.019	113	345152	50.616	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.240%		
50) Toluene-d8	10.440	98	1433585	51.203	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.400%		
62) 4-Bromofluorobenzene	12.728	95	531205	52.655	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	466776	59.454	ug/l	99
3) Chloromethane	2.303	50	529560	53.404	ug/l	98
4) Vinyl Chloride	2.448	62	343604	41.478	ug/l	98
5) Bromomethane	2.837	94	223397	52.725	ug/l	99
6) Chloroethane	3.011	64	218682	58.207	ug/l	98
7) Trichlorofluoromethane	3.373	101	531427	57.445	ug/l	98
8) Diethyl Ether	3.824	74	209850	39.112	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	417345	59.790	ug/l	94
10) Methyl Iodide	4.417	142	561069	54.474	ug/l	98
11) Tert butyl alcohol	5.379	59	494546	245.728	ug/l	98
12) 1,1-Dichloroethene	4.175	96	400175	56.119	ug/l	94
13) Acrolein	4.036	56	590452	266.481	ug/l	99
14) Allyl chloride	4.838	41	918983	56.572	ug/l #	83
15) Acrylonitrile	5.551	53	1526997	271.693	ug/l	99
16) Acetone	4.283	43	1950994	340.663	ug/l	98
17) Carbon Disulfide	4.524	76	1225676	55.346	ug/l	98
18) Methyl Acetate	4.854	43	698826	53.559	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1508422	55.405	ug/l	95
20) Methylene Chloride	5.093	84	475301	54.651	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	421275	55.410	ug/l	87
22) Diisopropyl ether	6.495	45	1766273	56.134	ug/l #	91
23) Vinyl Acetate	6.431	43	7837635	281.612	ug/l	95
24) 1,1-Dichloroethane	6.385	63	879874	55.537	ug/l	98
25) 2-Butanone	7.335	43	2447115	296.019	ug/l	93
26) 2,2-Dichloropropane	7.324	77	697820	56.084	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	488559	54.409	ug/l	86
28) Bromochloromethane	7.656	49	327693	47.400	ug/l #	77
29) Tetrahydrofuran	7.683	42	1433970	267.050	ug/l	88
30) Chloroform	7.817	83	816614	54.181	ug/l	100
31) Cyclohexane	8.094	56	889874	54.683	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	693715	54.529	ug/l	97
36) 1,1-Dichloropropene	8.220	75	638626	57.648	ug/l	96
37) Ethyl Acetate	7.412	43	840383	55.042	ug/l	98
38) Carbon Tetrachloride	8.204	117	574787	56.815	ug/l	98
39) Methylcyclohexane	9.459	83	842010	61.829	ug/l	90
40) Benzene	8.458	78	1938727	55.705	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	435077	56.715	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	671670	56.689	ug/l	100
43) Isopropyl Acetate	8.560	43	1344654	52.389	ug/l	96
44) Trichloroethene	9.215	130	443916	55.122	ug/l	90
45) 1,2-Dichloropropane	9.488	63	536344	57.549	ug/l	99
46) Dibromomethane	9.574	93	318758	57.094	ug/l	95
47) Bromodichloromethane	9.759	83	648378	57.656	ug/l	99
48) Methyl methacrylate	9.558	41	653249	59.031	ug/l #	78
49) 1,4-Dioxane	9.569	88	196078	1057.705	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	4279716	283.284	ug/l	98
52) Toluene	10.505	92	1195886	55.456	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	746608	58.827	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	809485	58.643	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	461105	56.302	ug/l	98
56) Ethyl methacrylate	10.759	69	822758	57.679	ug/l	88
57) 1,3-Dichloropropane	11.044	76	823952	57.469	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1027495	264.758	ug/l	90
59) 2-Hexanone	11.084	43	3305000	299.632	ug/l	97
60) Dibromochloromethane	11.237	129	469107	57.751	ug/l	99
61) 1,2-Dibromoethane	11.344	107	476465	56.568	ug/l	99
64) Tetrachloroethene	10.977	164	403364	58.199	ug/l	95
65) Chlorobenzene	11.768	112	1223023	55.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	437370	56.543	ug/l	99
67) Ethyl Benzene	11.843	91	2330712	57.690	ug/l	96
68) m/p-Xylenes	11.950	106	1731585	115.675	ug/l	93
69) o-Xylene	12.278	106	850164	56.746	ug/l	92
70) Styrene	12.294	104	1412946	59.840	ug/l	96
71) Bromoform	12.457	173	358413	56.118	ug/l #	100
73) Isopropylbenzene	12.578	105	2240801	54.886	ug/l	98
74) N-amyl acetate	12.387	43	995390	54.439	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	727651	51.455	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	579684m	51.468	ug/l	
77) Bromobenzene	12.859	156	505286	51.627	ug/l	76
78) n-propylbenzene	12.918	91	2651880	56.957	ug/l	96
79) 2-Chlorotoluene	13.004	91	1585934	54.779	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	1871645	56.553	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	236701	56.967	ug/l	89
82) 4-Chlorotoluene	13.104	91	1566293	56.134	ug/l	91
83) tert-Butylbenzene	13.321	119	1600692	55.458	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1837176	56.766	ug/l	97
85) sec-Butylbenzene	13.500	105	2321532	57.490	ug/l	97
86) p-Isopropyltoluene	13.613	119	1869714	58.714	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	908136	55.781	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	882071	54.164	ug/l	97
89) n-Butylbenzene	13.940	91	1646005	58.653	ug/l	97
90) Hexachloroethane	14.209	117	325250	57.632	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	850882	54.479	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	133018	51.909	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	459985	53.221	ug/l	99
94) Hexachlorobutadiene	15.367	225	298475	57.220	ug/l	99
95) Naphthalene	15.504	128	1143159	46.831	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	433376	52.488	ug/l	99

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VSTDCCC050

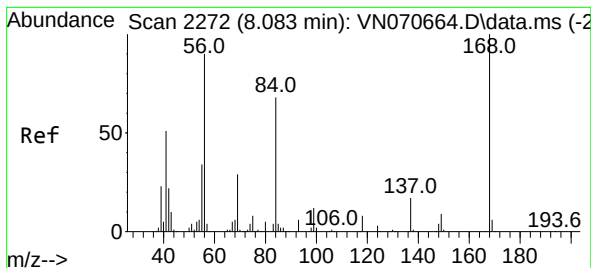
Manual Integrations
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070921.D

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MSVOA_N

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VSTDCCC050

Tgt Ion:168 Resp: 70758

Ion Ratio Lower Upper

168 100

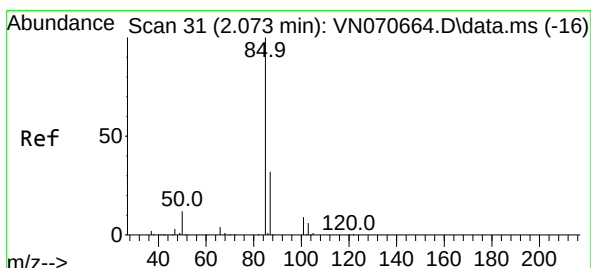
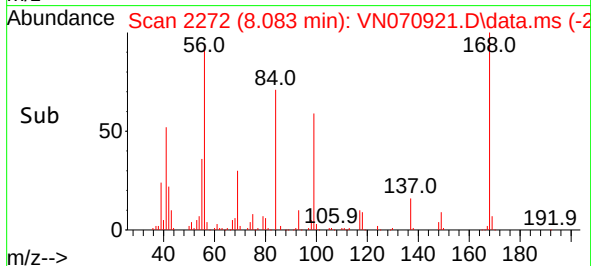
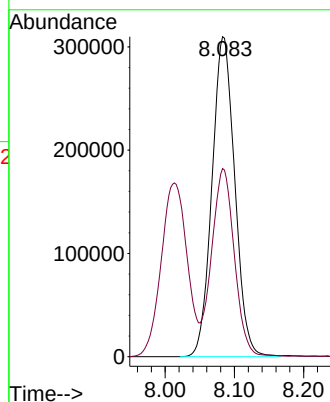
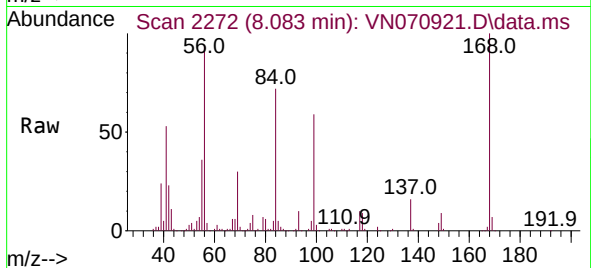
99 58.5 41.3 61.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 59.454 ug/l

RT: 2.073 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070921.D

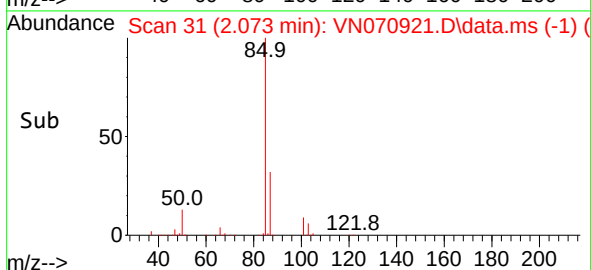
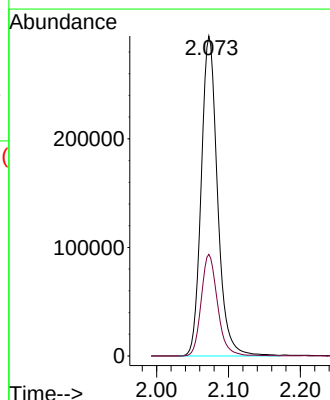
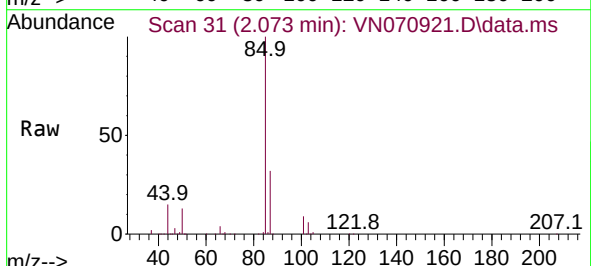
Acq: 3 Feb 2022 9:57

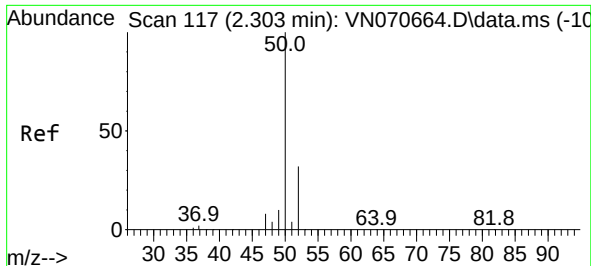
Tgt Ion: 85 Resp: 466776

Ion Ratio Lower Upper

85 100

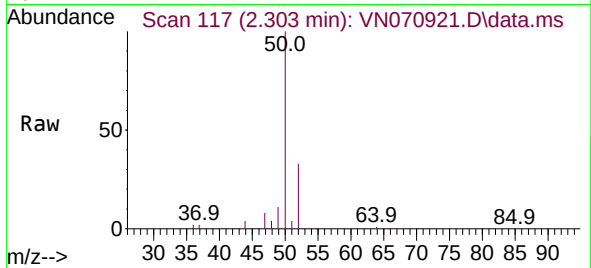
87 31.8 16.3 48.9





#3
Chloromethane
Concen: 53.404 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

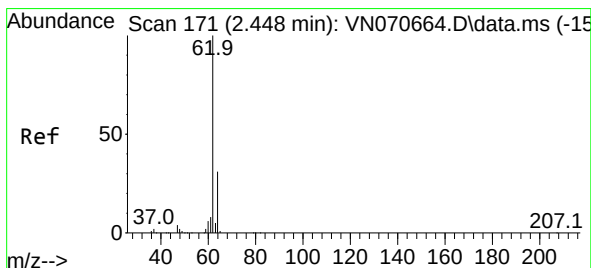
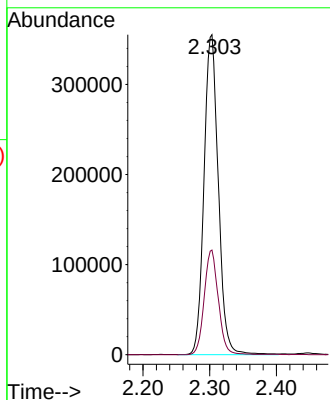
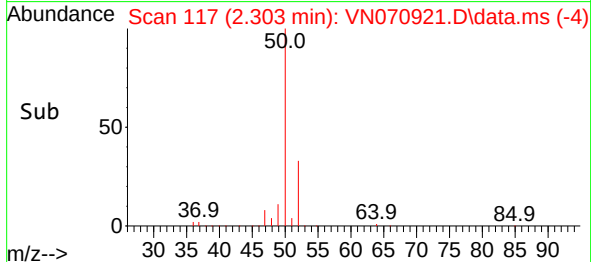
Instrument :
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VSTDCCC050



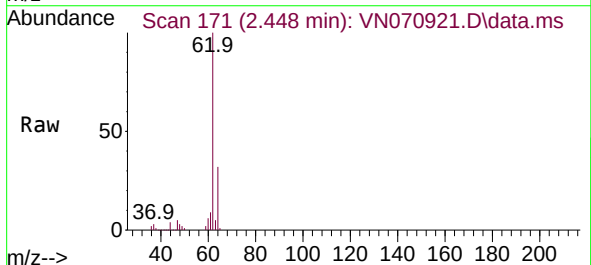
Tgt Ion: 50 Resp: 529560
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

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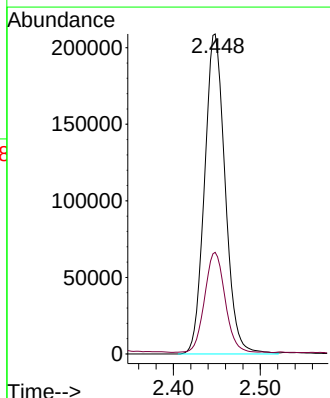
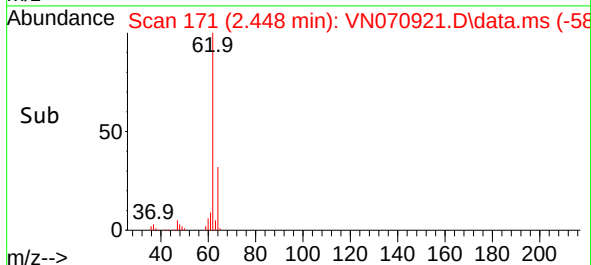
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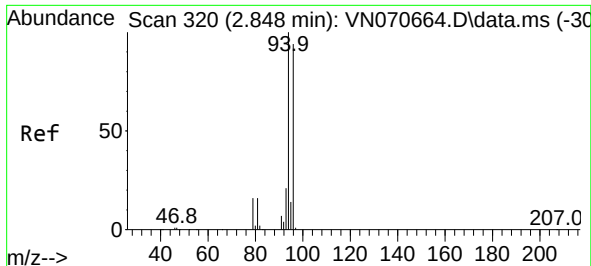


#4
Vinyl Chloride
Concen: 41.478 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



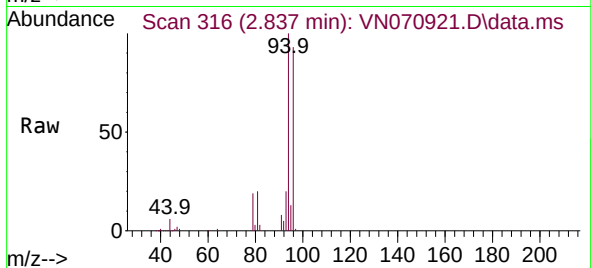
Tgt Ion: 62 Resp: 343604
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 52.725 ug/l
RT: 2.837 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN070921.D
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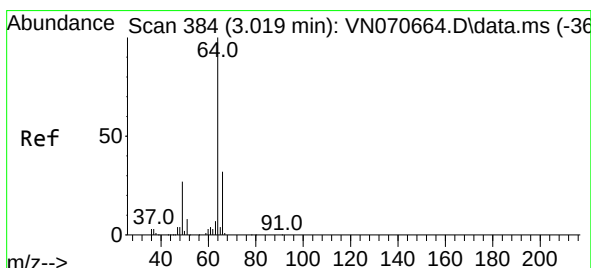
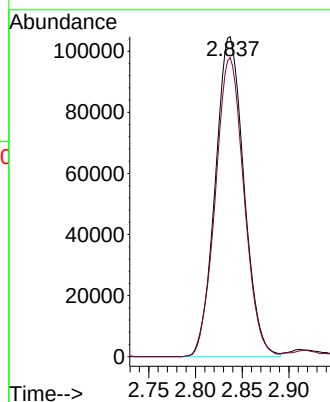
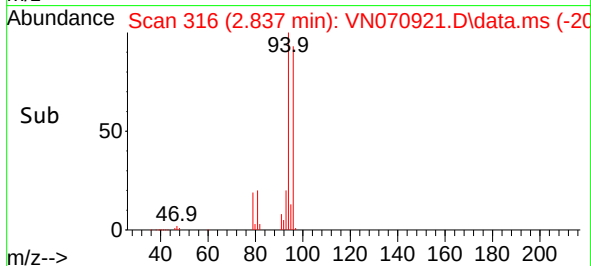
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Tgt Ion: 94 Resp: 22339
Ion Ratio Lower Upper
94 100
96 93.5 73.8 110.8

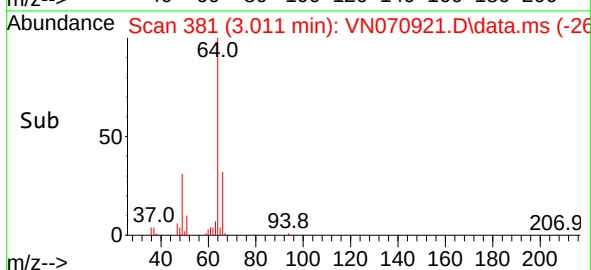
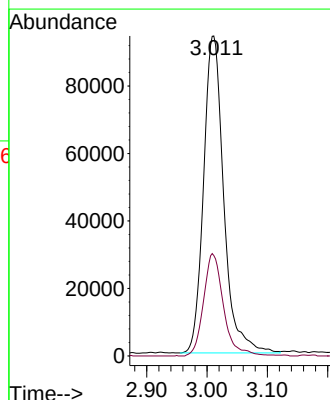
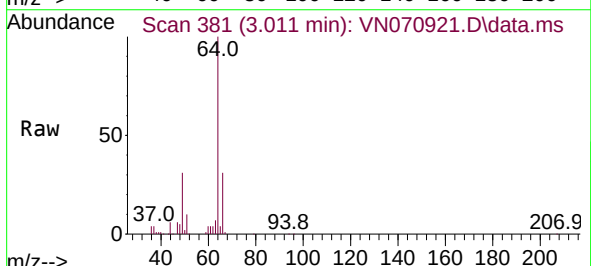
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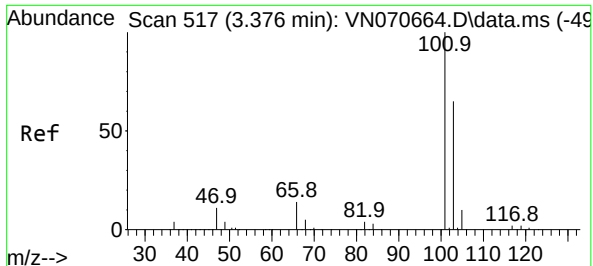
Reviewed By :John Carlone 02/07/2022
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#6
Chloroethane
Concen: 58.207 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.002 min
Lab File: VN070921.D
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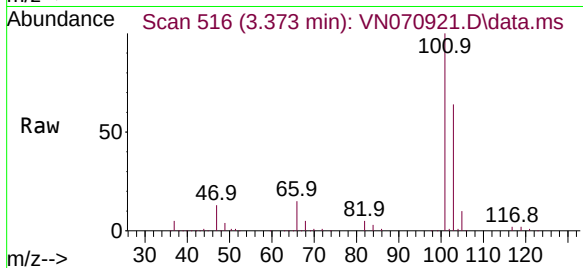
Tgt Ion: 64 Resp: 218682
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 57.445 ug/l
 RT: 3.373 min Scan# 517
 Delta R.T. 0.002 min
 Lab File: VN070921.D
 Acq: 3 Feb 2022 9:57

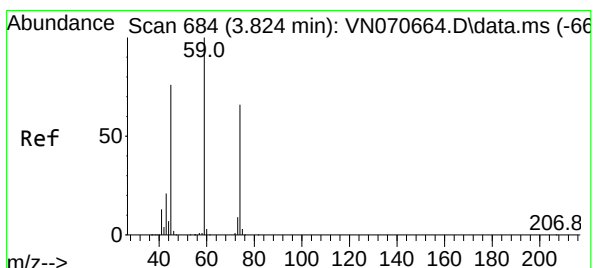
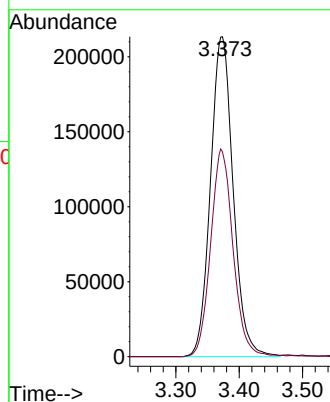
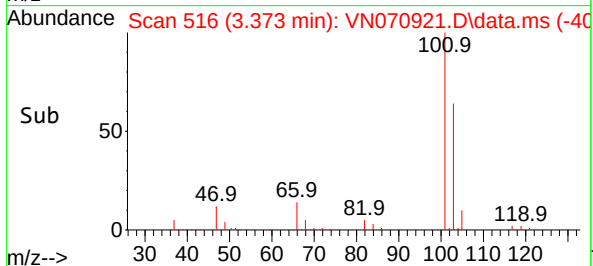
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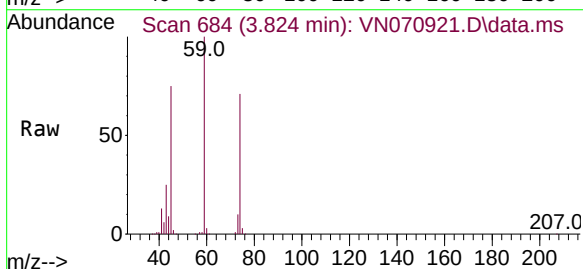
Tgt Ion:101 Resp: 53142
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1

Manual Integrations
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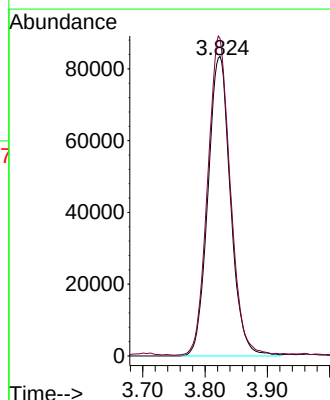
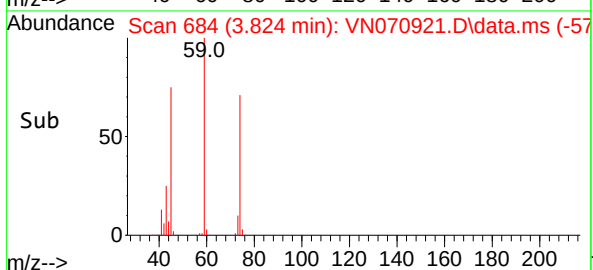
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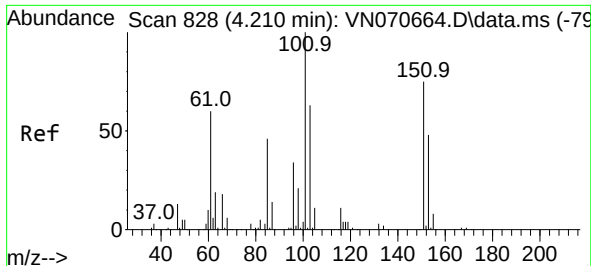


#8
 Diethyl Ether
 Concen: 39.112 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 209850
 Ion Ratio Lower Upper
 74 100
 45 106.6 47.0 141.2





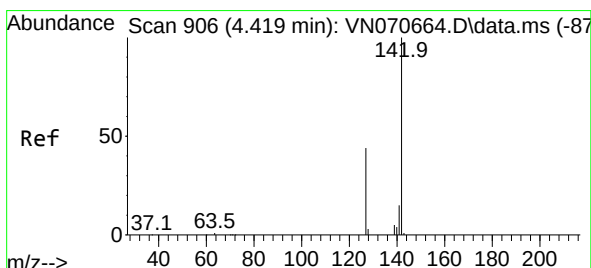
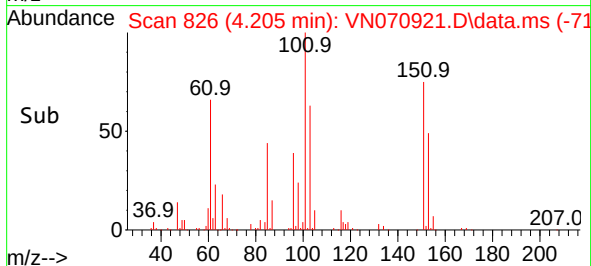
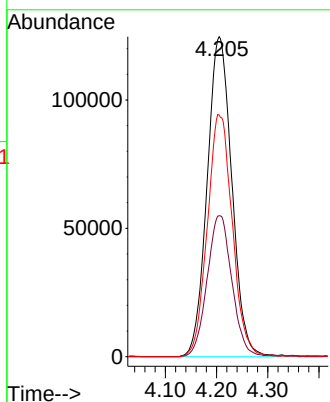
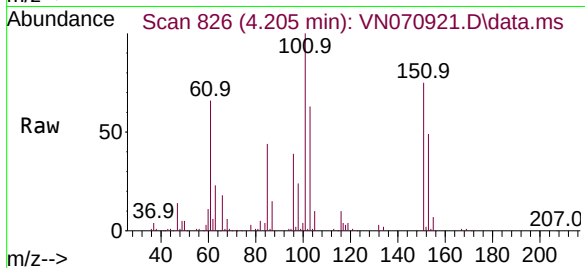
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.790 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 41734
Ion Ratio Lower Upper
101 100
85 44.1 37.2 55.8
151 76.5 65.9 98.9

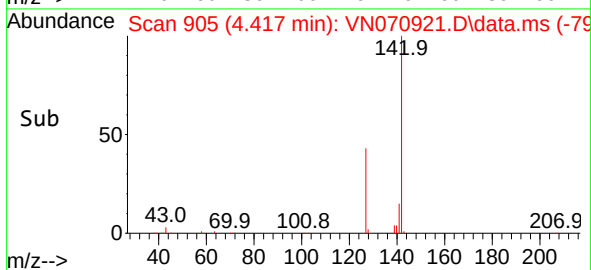
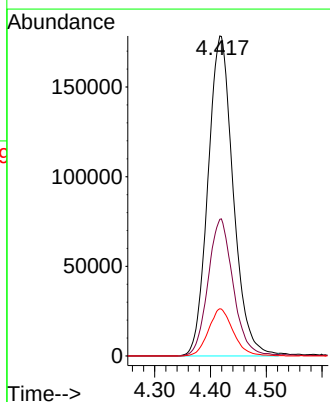
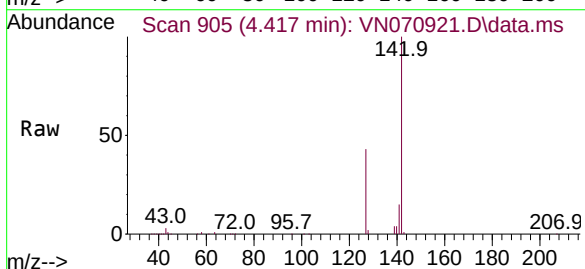
Manual Integrations
APPROVED

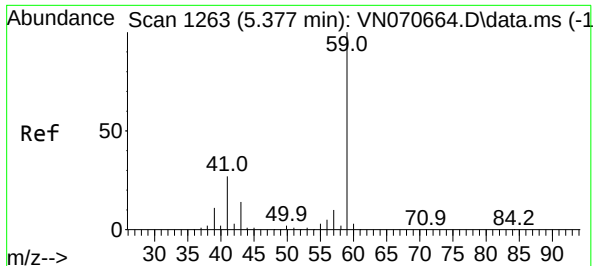
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#10
Methyl Iodide
Concen: 54.474 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

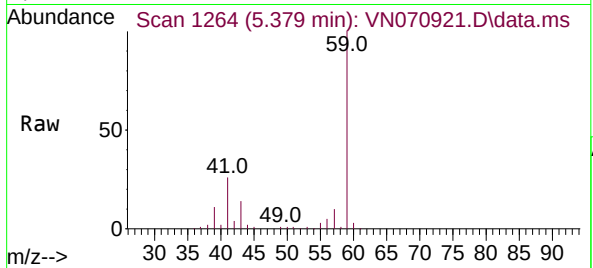
Tgt Ion:142 Resp: 561069
Ion Ratio Lower Upper
142 100
127 42.6 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 245.728 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

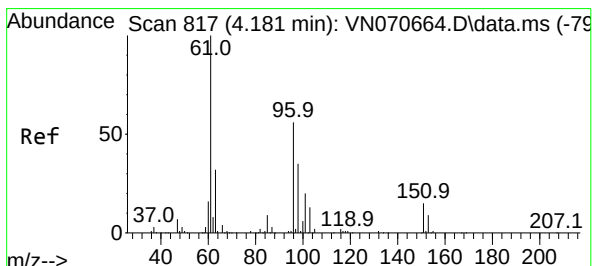
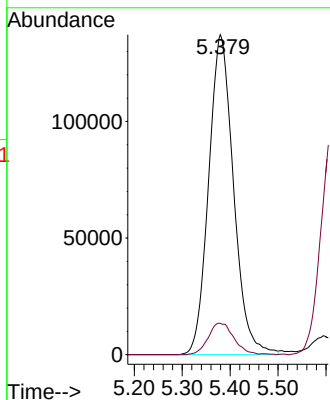
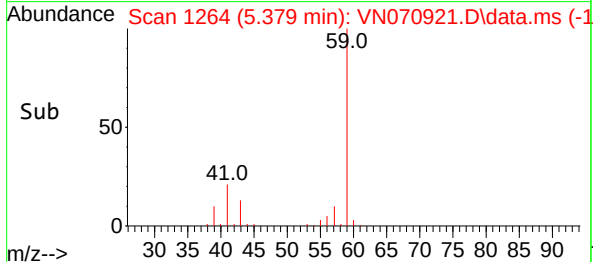
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



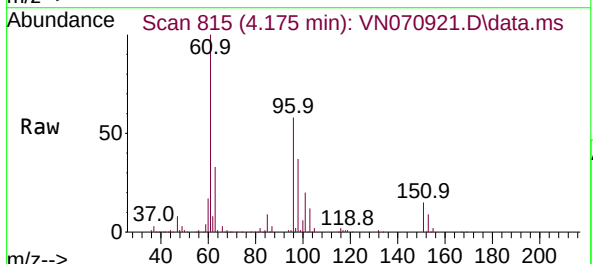
Tgt Ion: 59 Resp: 494540
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

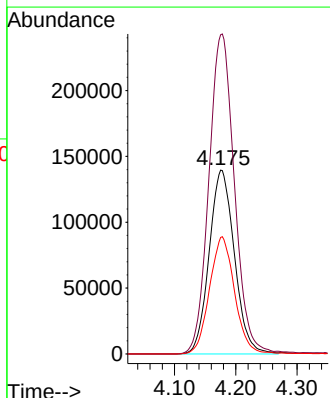
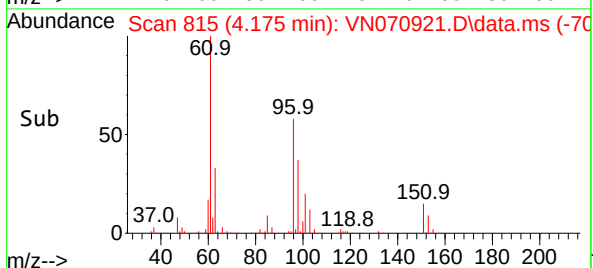
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

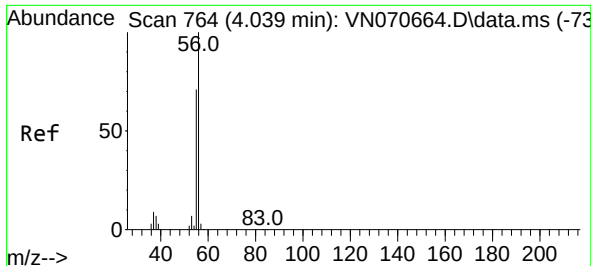


#12
1,1-Dichloroethene
Concen: 56.119 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



Tgt Ion: 96 Resp: 400175
Ion Ratio Lower Upper
96 100
61 173.6 131.0 196.6
98 63.4 52.4 78.6





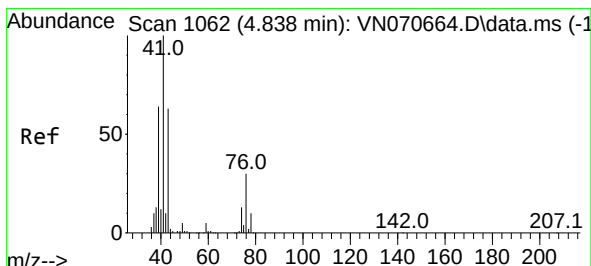
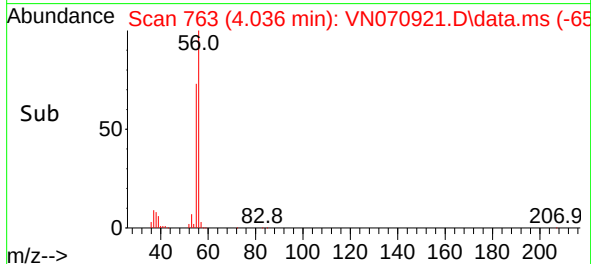
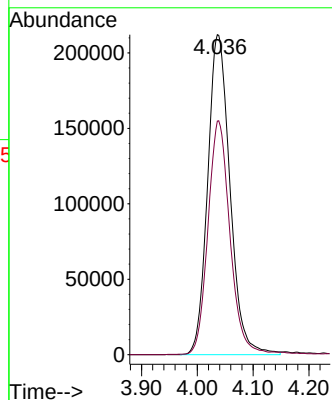
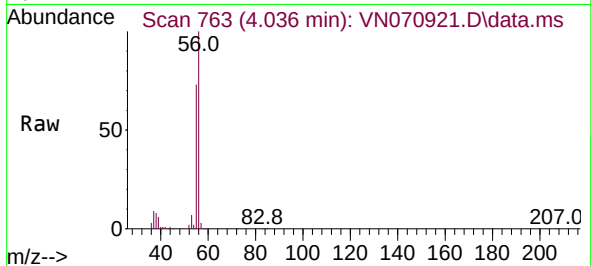
#13
Acrolein
Concen: 266.481 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 590452
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

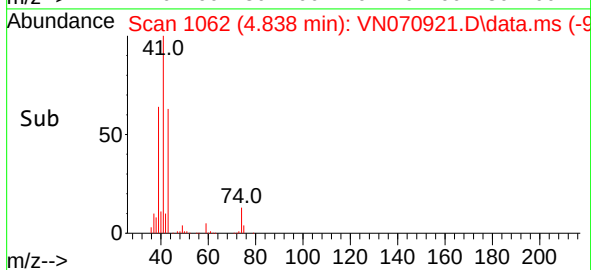
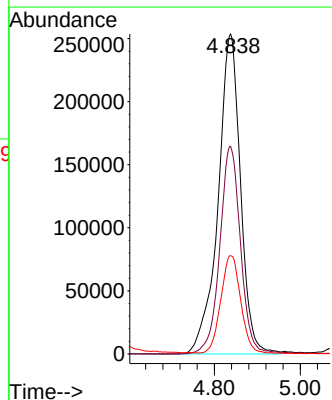
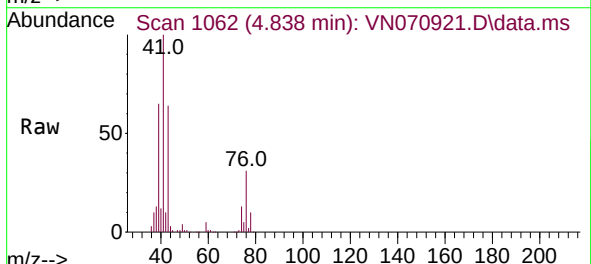
Manual Integrations
APPROVED

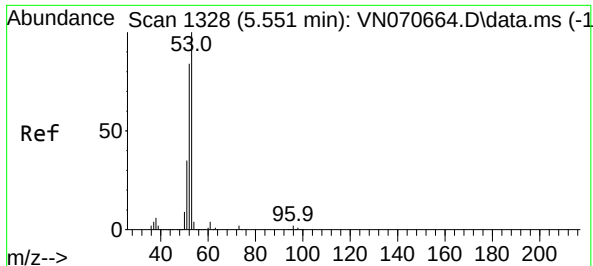
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#14
Allyl chloride
Concen: 56.572 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

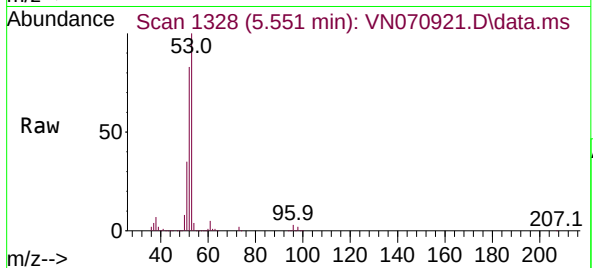
Tgt Ion: 41 Resp: 918983
Ion Ratio Lower Upper
41 100
39 59.5 61.2 91.8#
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 271.693 ug/l
RT: 5.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

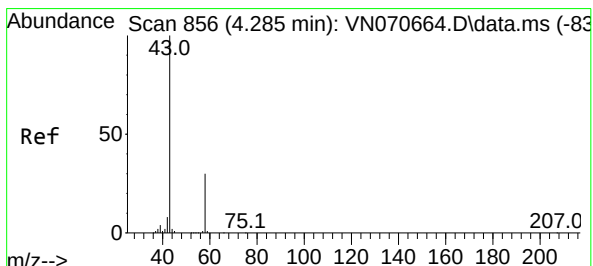
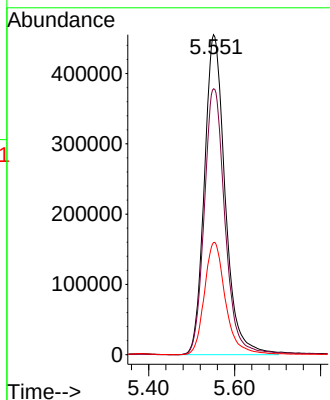
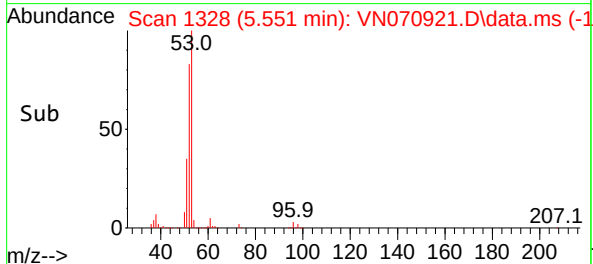
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 152699
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 35.8 29.6 44.4

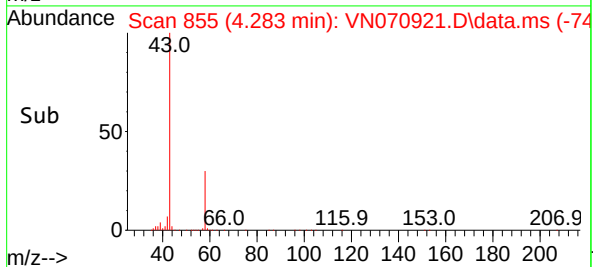
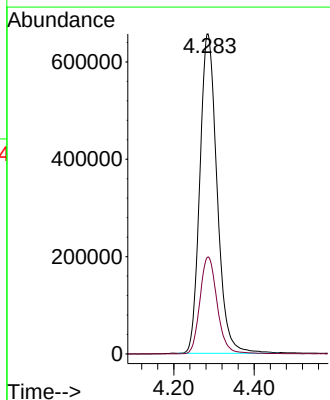
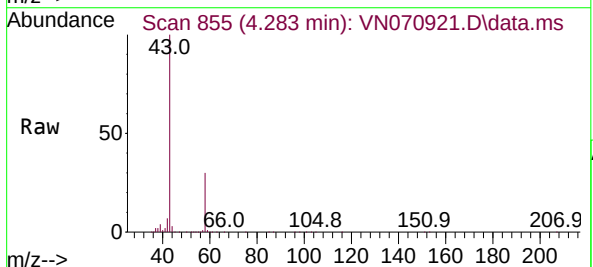
Manual Integrations
APPROVED

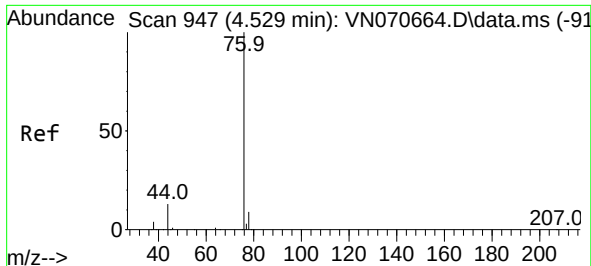
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#16
Acetone
Concen: 340.663 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

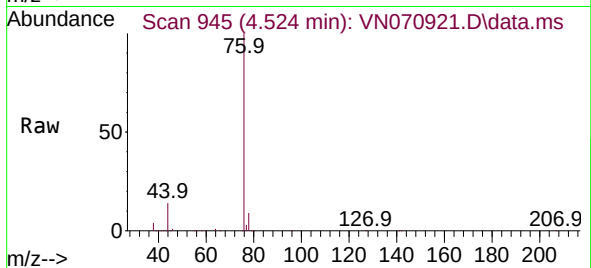
Tgt Ion: 43 Resp: 1950994
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17
Carbon Disulfide
Concen: 55.346 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

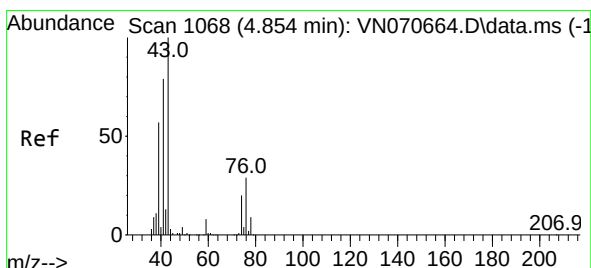
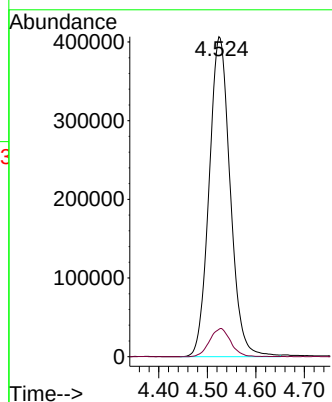
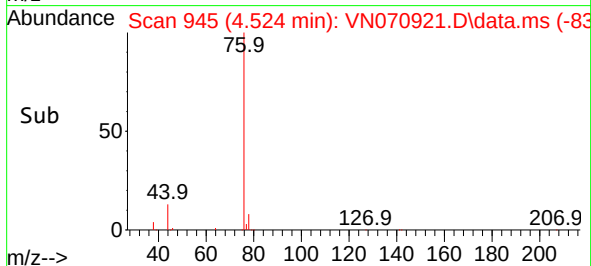
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 1225670
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

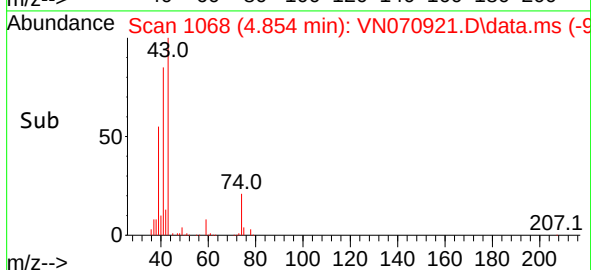
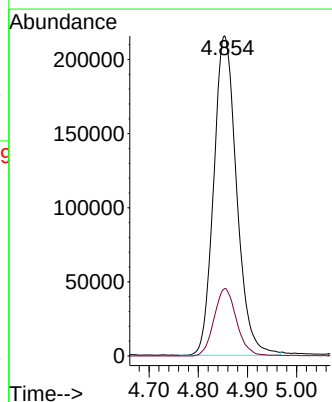
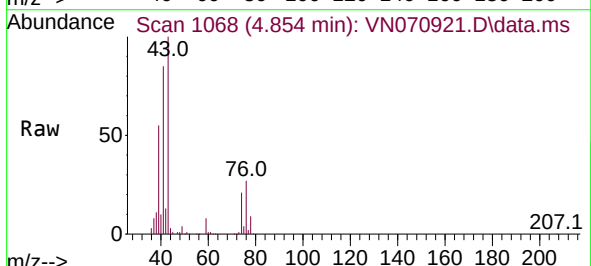
Manual Integrations
APPROVED

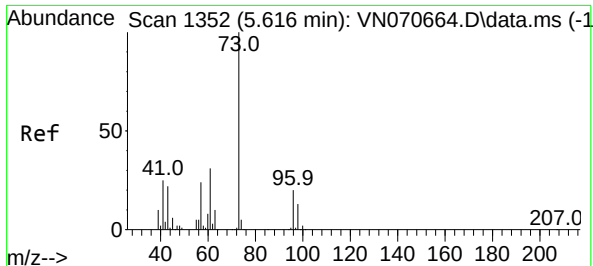
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#18
Methyl Acetate
Concen: 53.559 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

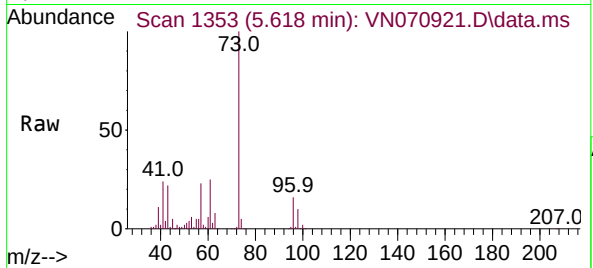
Tgt Ion: 43 Resp: 698826
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 55.405 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.002 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

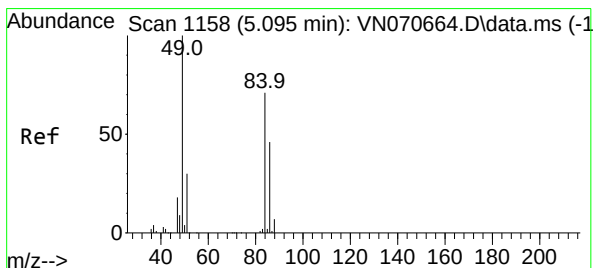
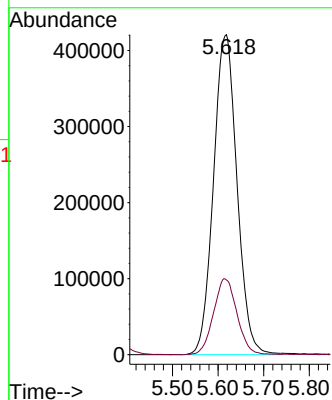
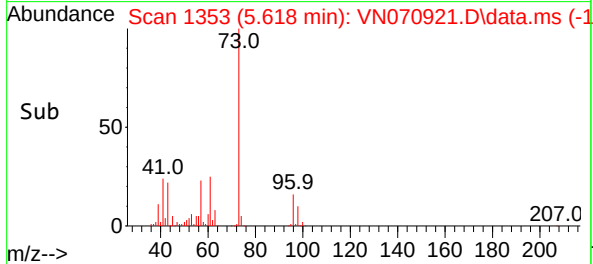
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 150842
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

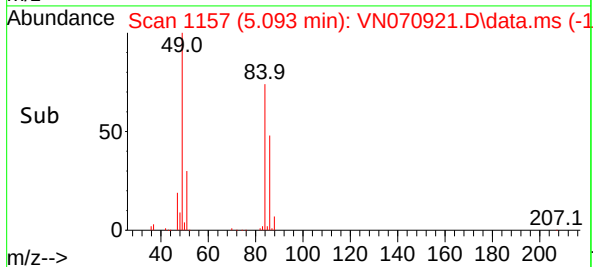
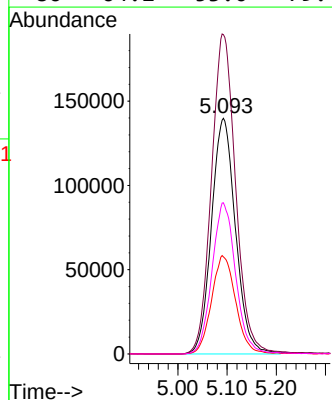
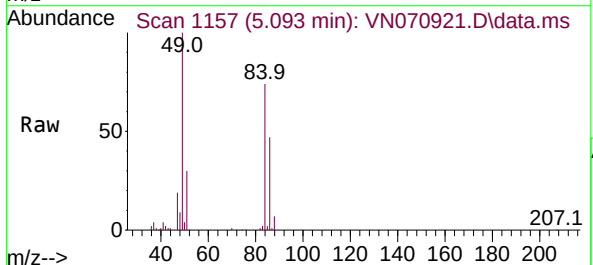
Manual Integrations
APPROVED

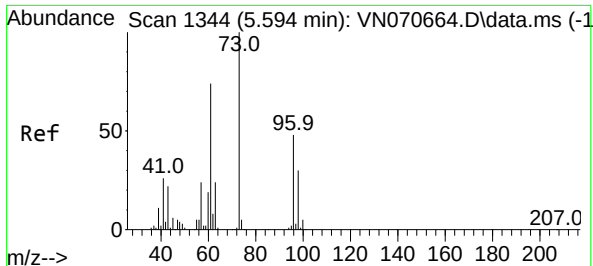
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#20
Methylene Chloride
Concen: 54.651 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

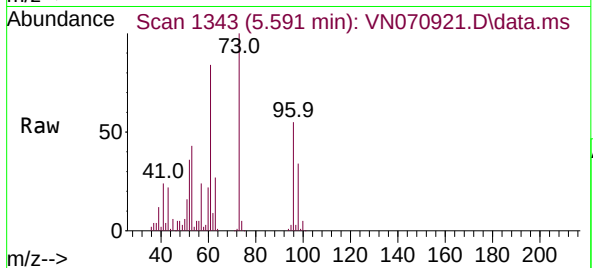
Tgt Ion: 84 Resp: 475301
Ion Ratio Lower Upper
84 100
49 135.5 93.5 140.3
51 41.2 29.4 44.2
86 64.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 55.410 ug/l
RT: 5.591 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

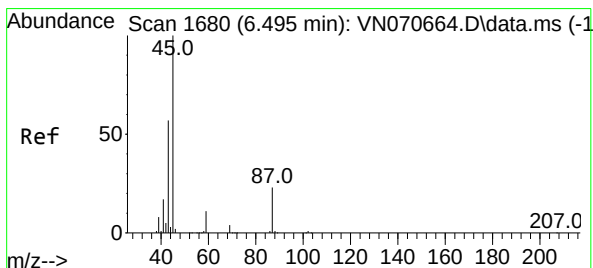
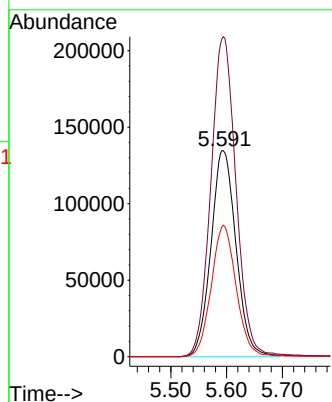
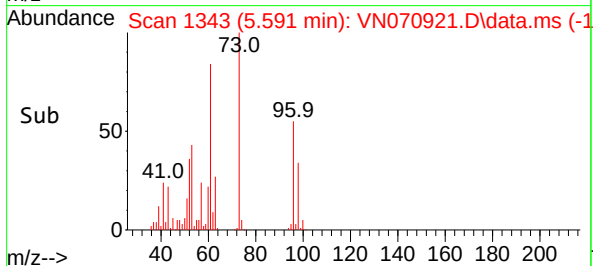
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 421275
Ion Ratio Lower Upper
96 100
61 154.1 105.8 158.6
98 63.0 52.0 78.0

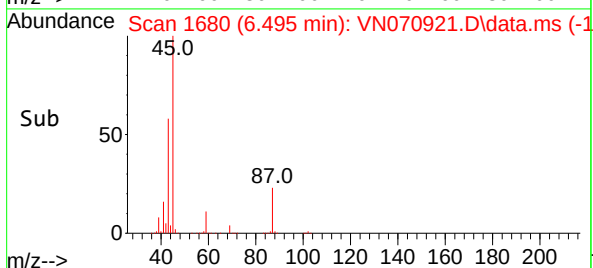
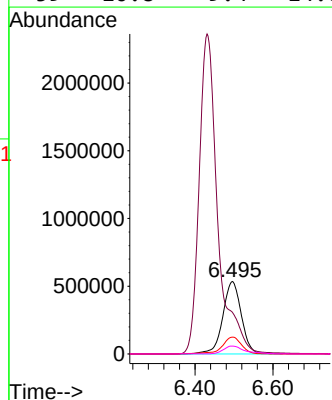
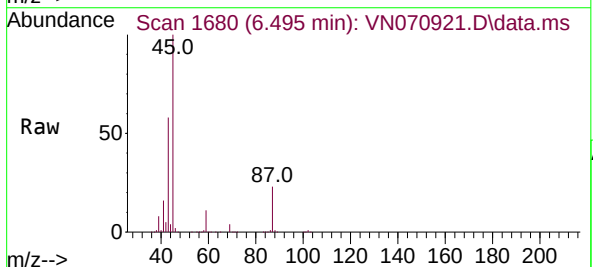
Manual Integrations
APPROVED

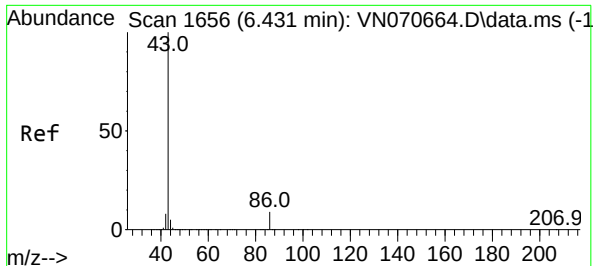
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#22
Diisopropyl ether
Concen: 56.134 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

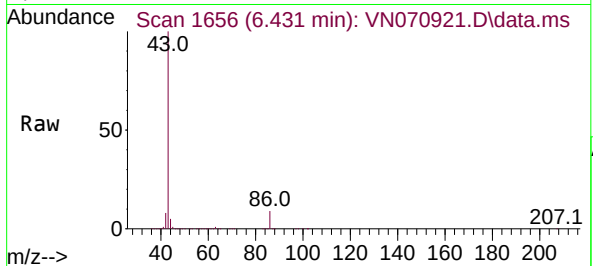
Tgt Ion: 45 Resp: 1766273
Ion Ratio Lower Upper
45 100
43 57.7 51.7 77.5
87 23.2 23.2 34.8#
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 281.612 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070921.D
 Acq: 3 Feb 2022 9:57

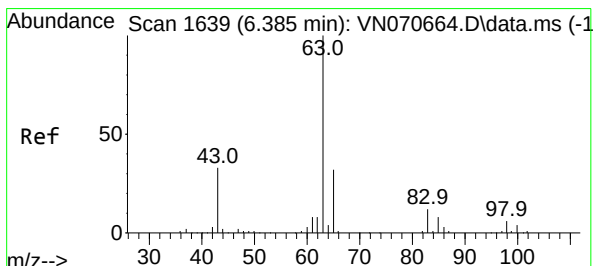
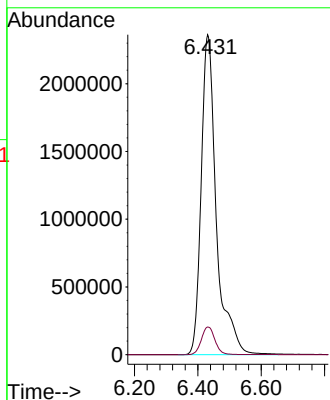
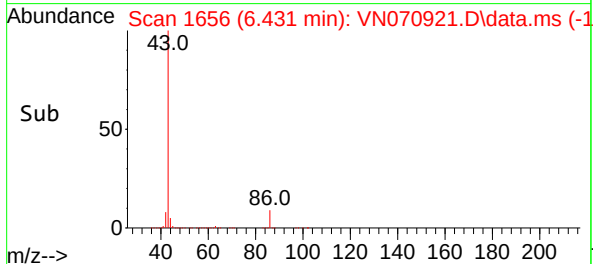
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



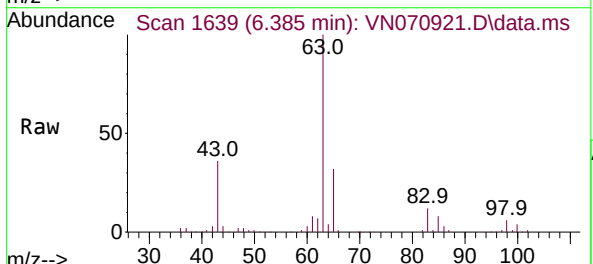
Tgt Ion: 43 Resp: 783763
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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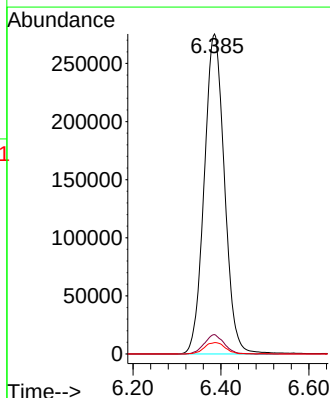
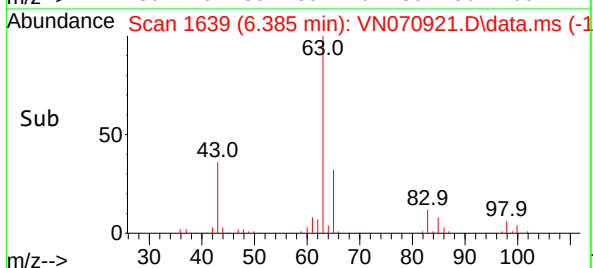
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022

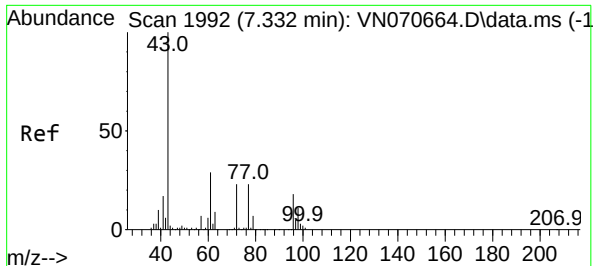


#24
 1,1-Dichloroethane
 Concen: 55.537 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070921.D
 Acq: 3 Feb 2022 9:57



Tgt Ion: 63 Resp: 879874
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 296.019 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 244711

Ion Ratio Lower Upper

43 100

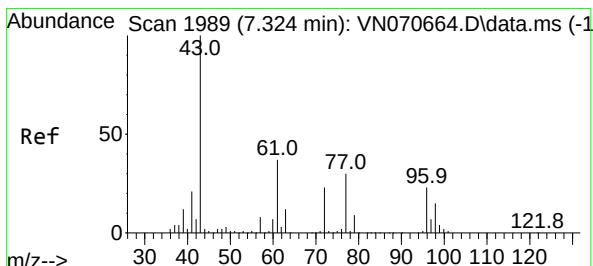
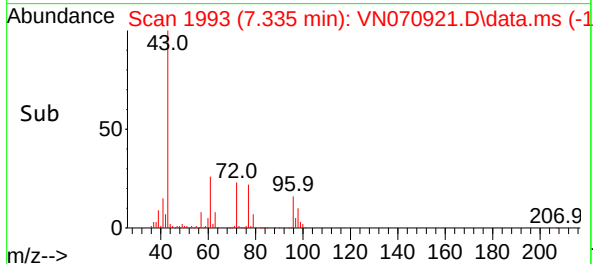
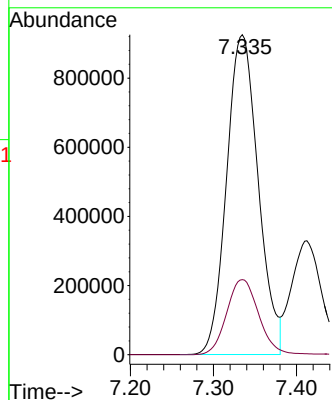
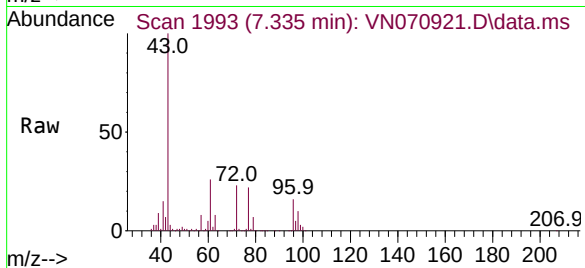
72 23.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#26

2,2-Dichloropropane

Concen: 56.084 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070921.D

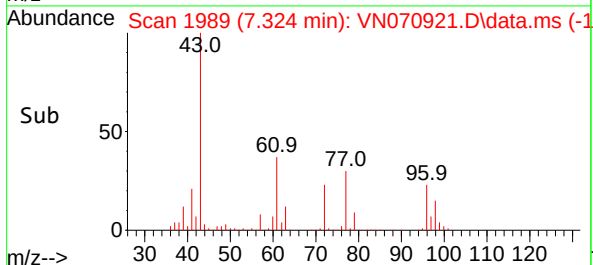
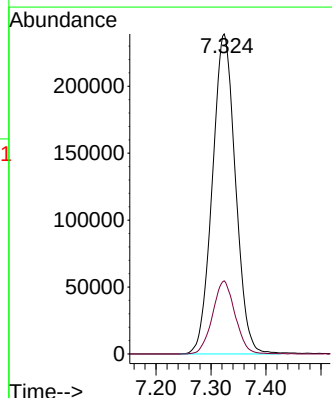
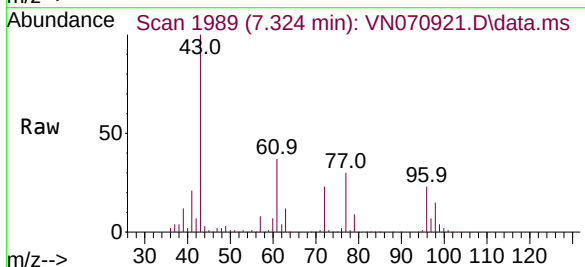
Acq: 3 Feb 2022 9:57

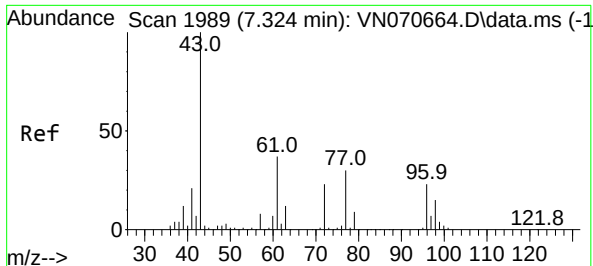
Tgt Ion: 77 Resp: 697820

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 54.409 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 488559

Ion Ratio Lower Upper

96 100

61 161.2 0.0 275.0

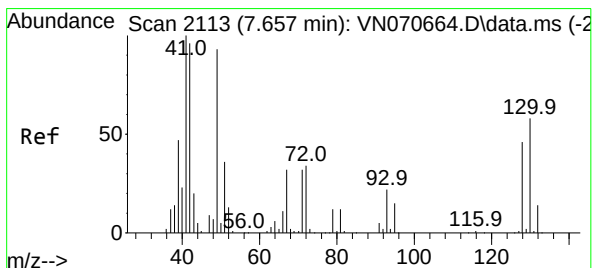
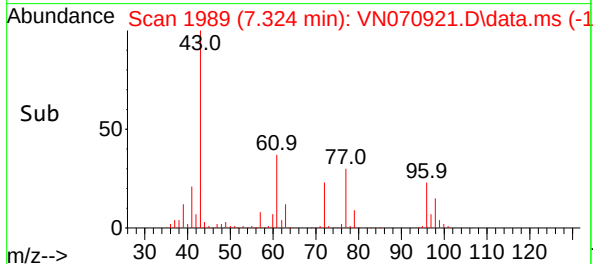
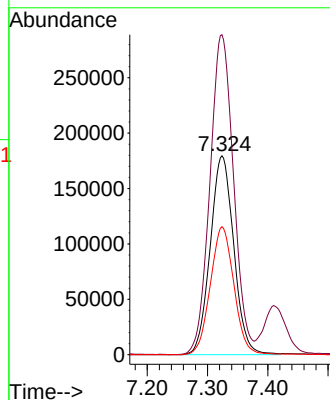
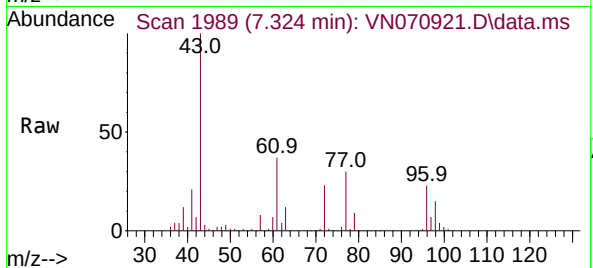
98 64.2 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#28

Bromochloromethane

Concen: 47.400 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. -0.001 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

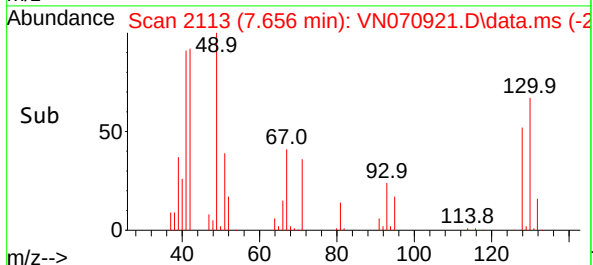
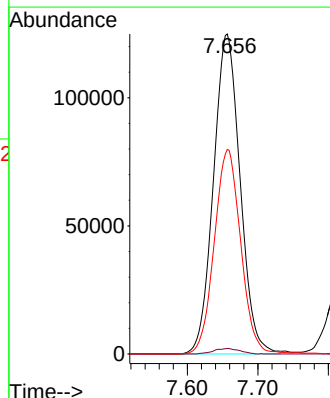
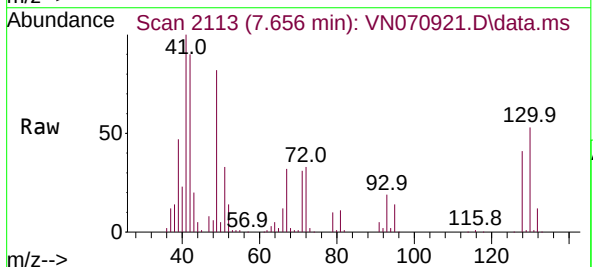
Tgt Ion: 49 Resp: 327693

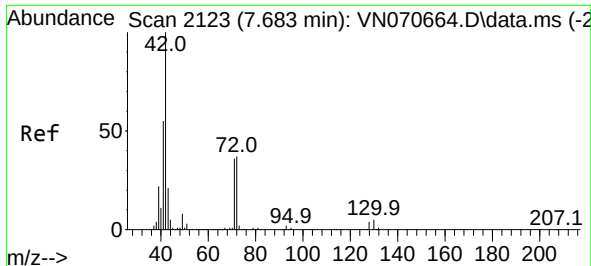
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 63.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 267.050 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.003 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1433970

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

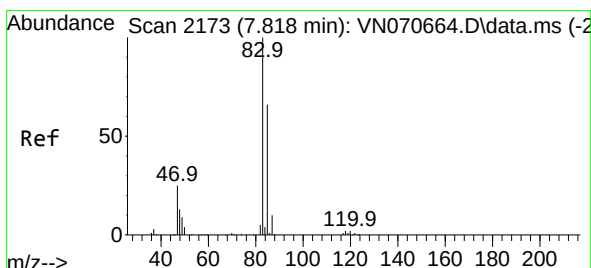
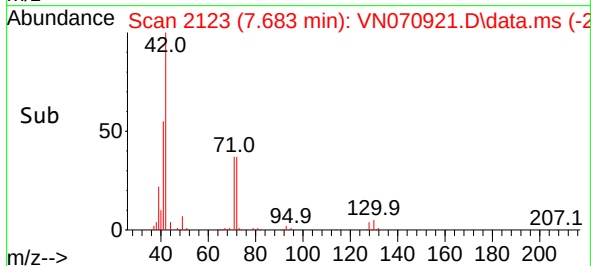
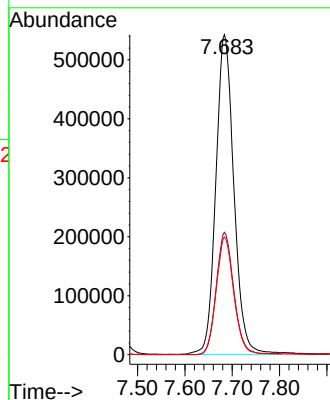
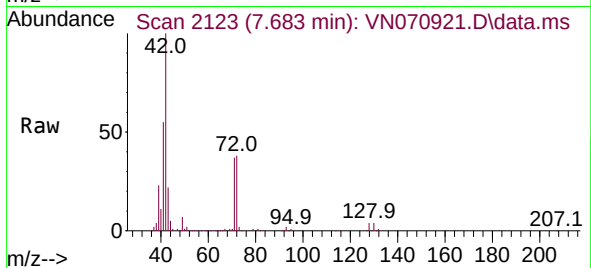
71 35.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#30

Chloroform

Concen: 54.181 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN070921.D

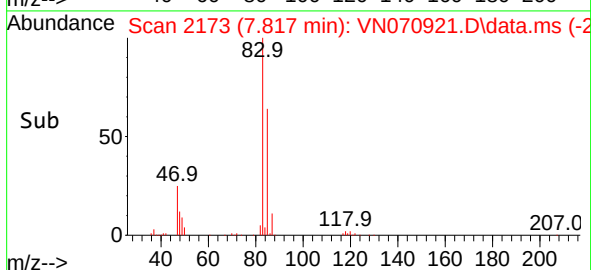
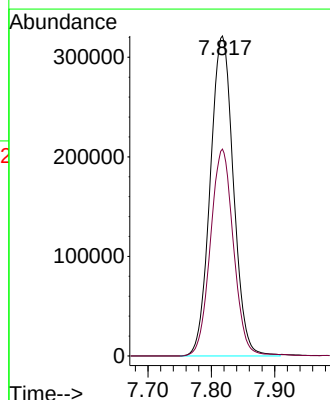
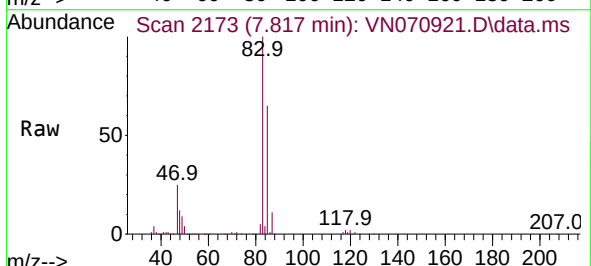
Acq: 3 Feb 2022 9:57

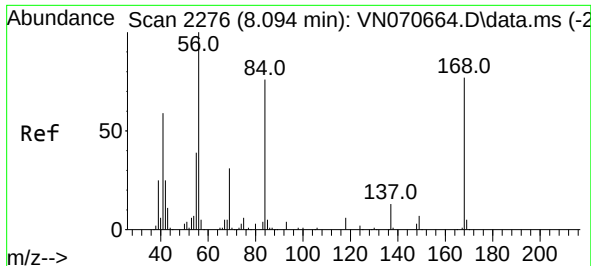
Tgt Ion: 83 Resp: 816614

Ion Ratio Lower Upper

83 100

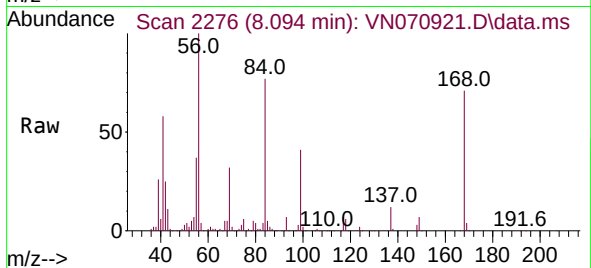
85 64.7 51.9 77.9





#31
Cyclohexane
Concen: 54.683 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

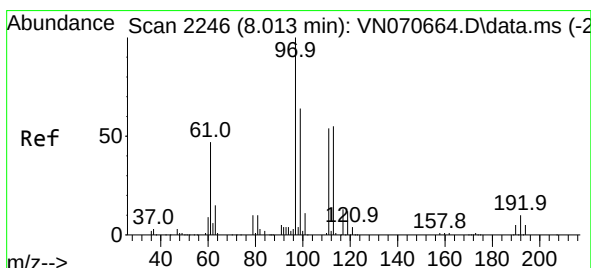
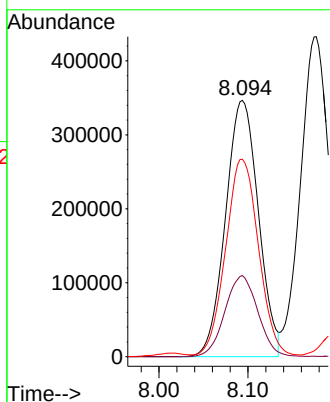
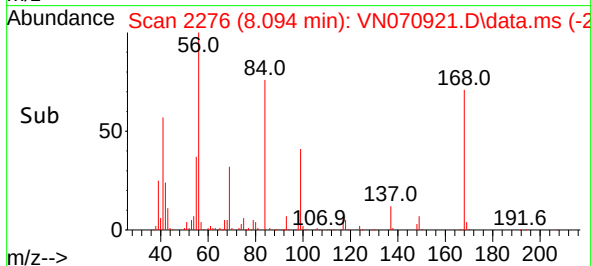
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 889874
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 75.8 73.4 110.0

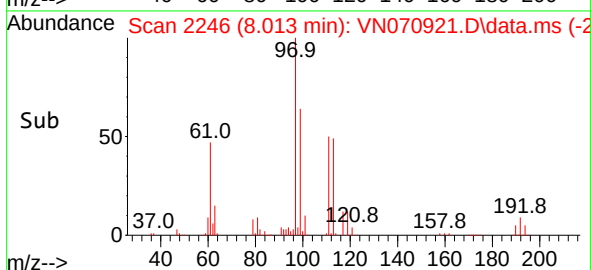
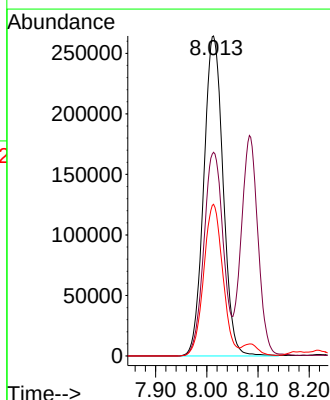
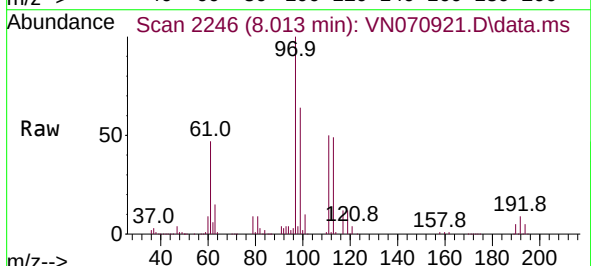
Manual Integrations
APPROVED

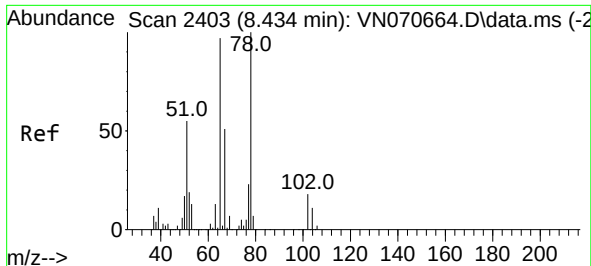
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#32
1,1,1-Trichloroethane
Concen: 54.529 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion: 97 Resp: 693715
Ion Ratio Lower Upper
97 100
99 64.0 50.1 75.1
61 46.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.033 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 469629

Ion Ratio Lower Upper

65 100

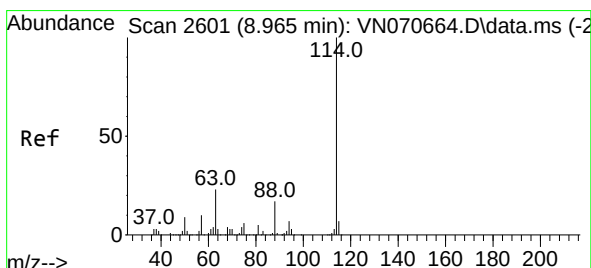
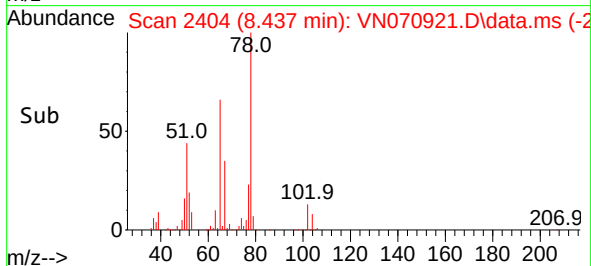
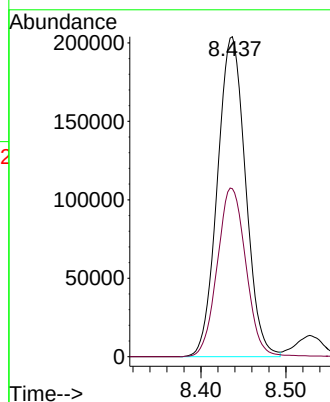
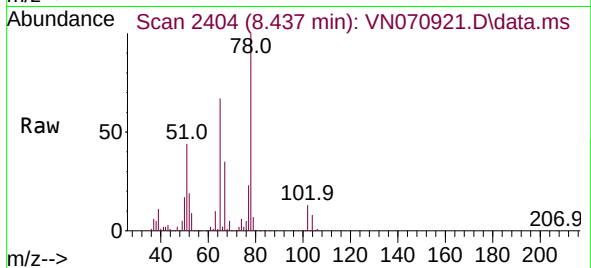
67 53.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

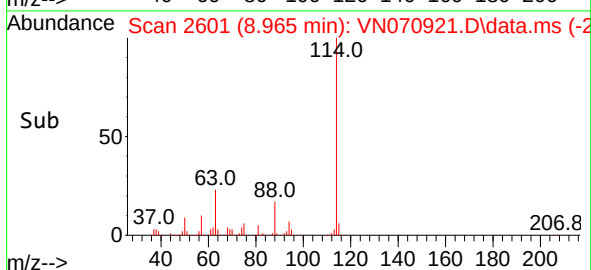
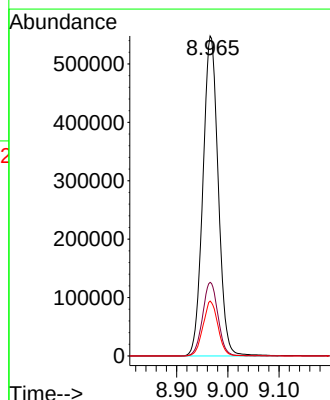
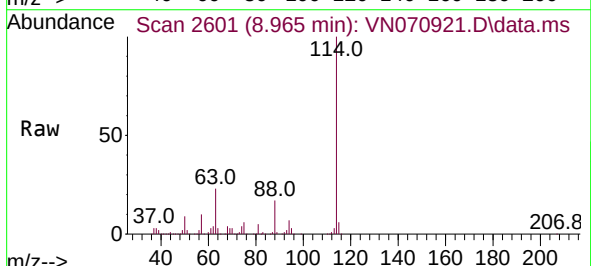
Tgt Ion:114 Resp: 1138302

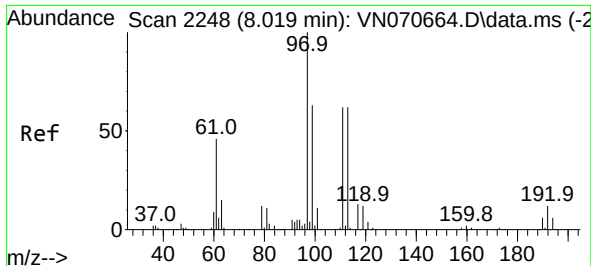
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 17.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 50.616 ug/l

RT: 8.019 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN070921.D

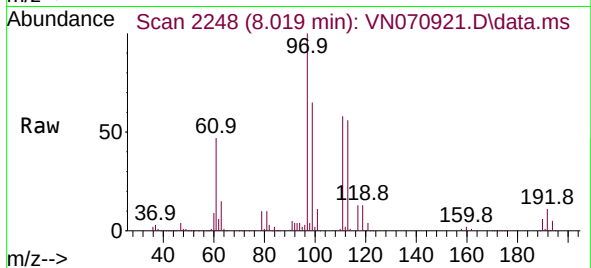
Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



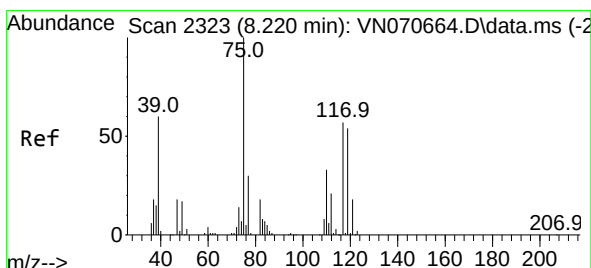
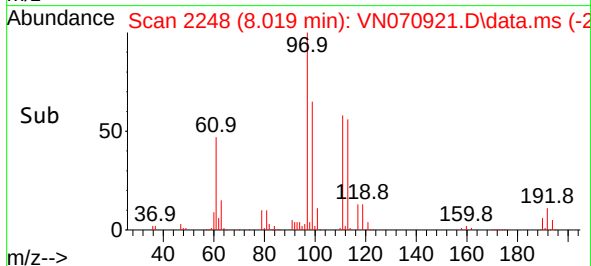
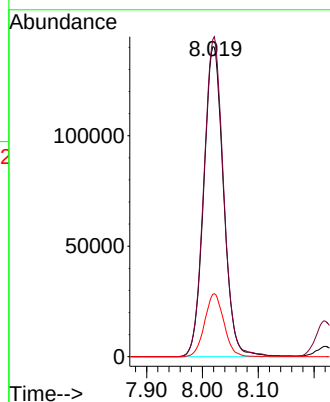
Tgt Ion:	113	Resp:	34515
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.2	123.2
192	19.8	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#36

1,1-Dichloropropene

Concen: 57.648 ug/l

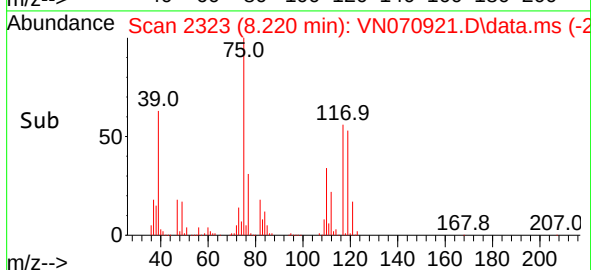
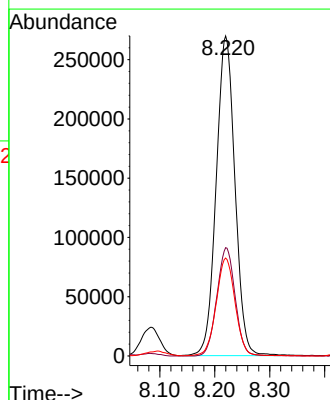
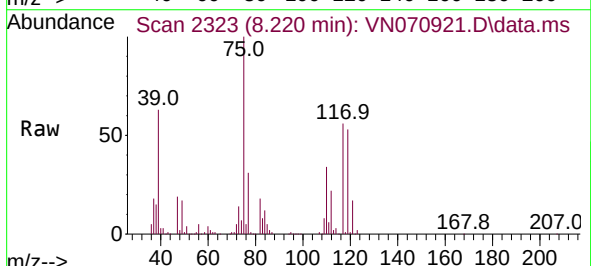
RT: 8.220 min Scan# 2323

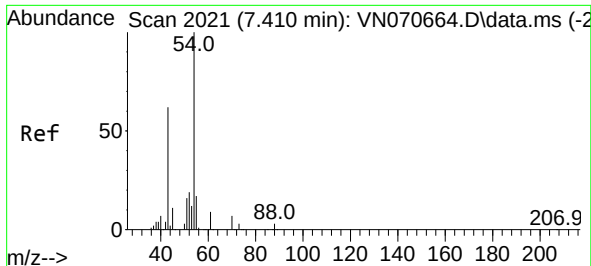
Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Tgt Ion:	75	Resp:	638626
Ion Ratio	Lower	Upper	
75	100		
110	33.1	18.4	55.2
77	30.8	24.4	36.6





#37

Ethyl Acetate

Concen: 55.042 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.001 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 84038

Ion Ratio Lower Upper

43 100

61 13.1 11.5 17.3

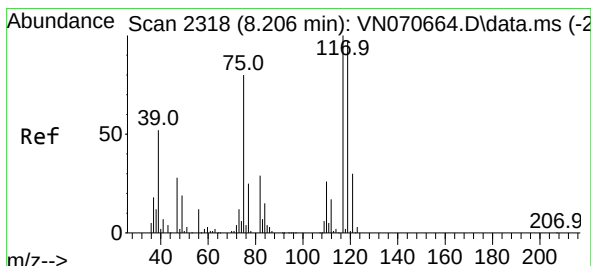
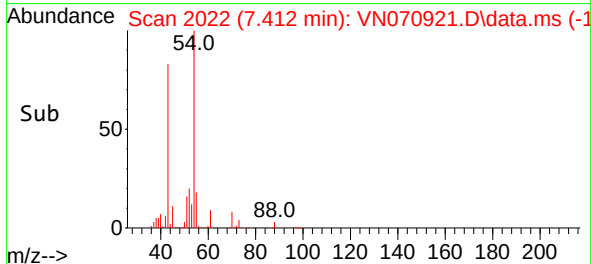
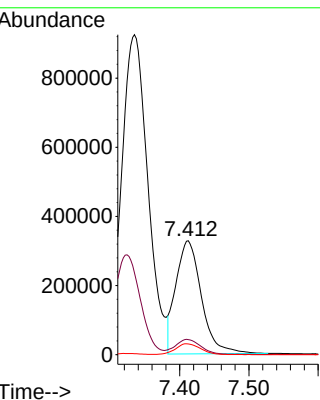
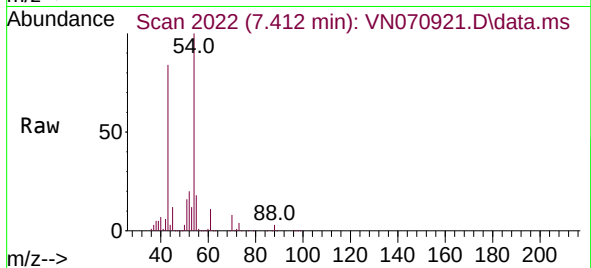
70 9.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#38

Carbon Tetrachloride

Concen: 56.815 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

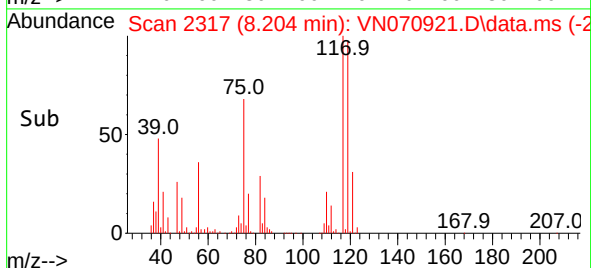
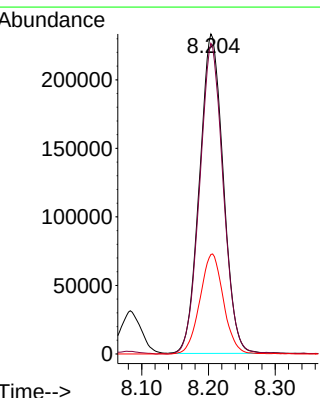
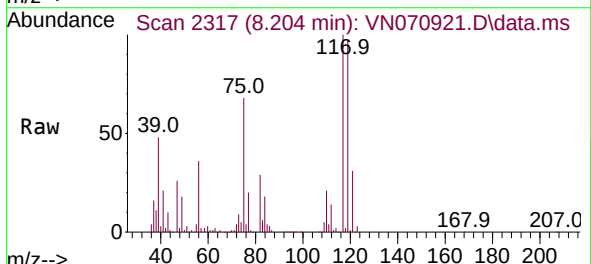
Tgt Ion:117 Resp: 574787

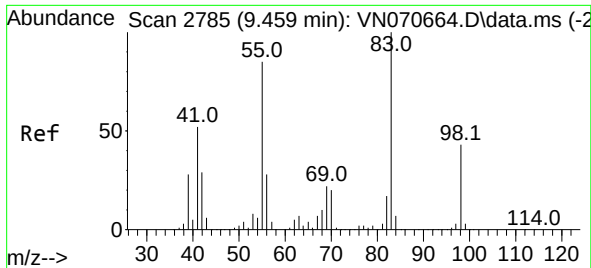
Ion Ratio Lower Upper

117 100

119 97.3 76.1 114.1

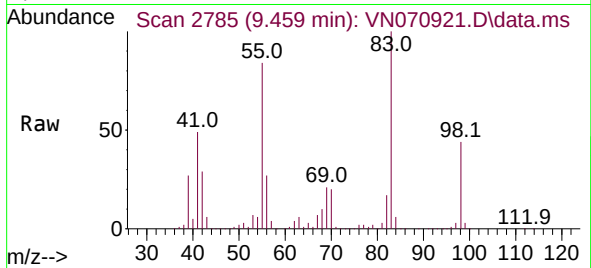
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 61.829 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

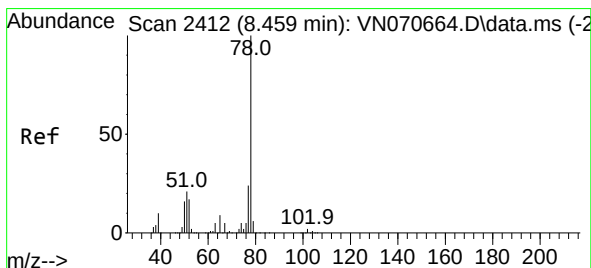
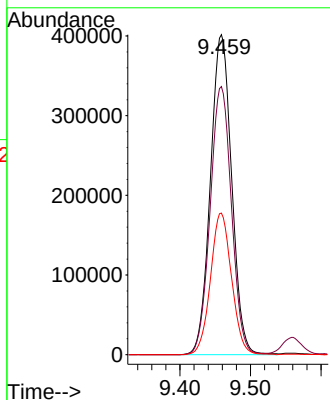
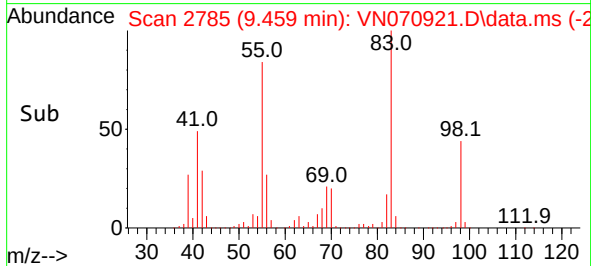
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 842010
Ion Ratio Lower Upper
83 100
55 83.8 58.1 87.1
98 44.2 38.4 57.6

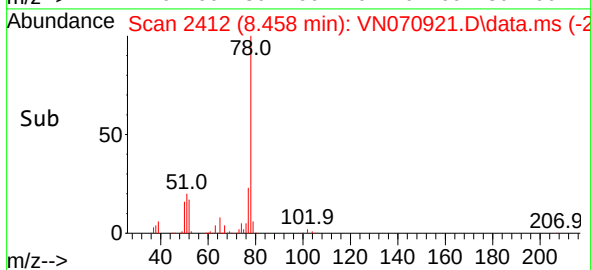
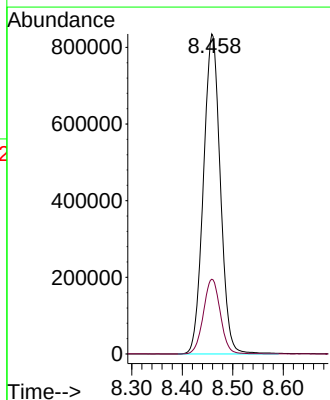
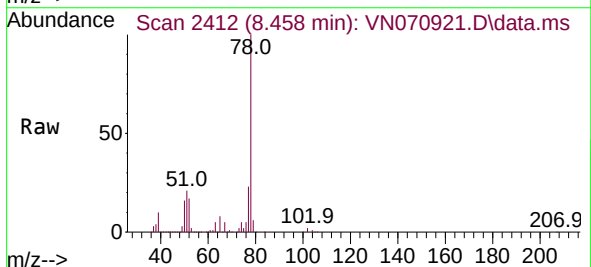
Manual Integrations
APPROVED

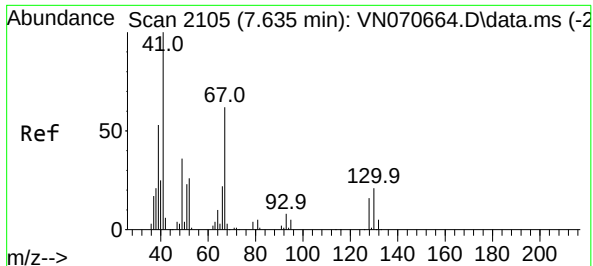
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#40
Benzene
Concen: 55.705 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

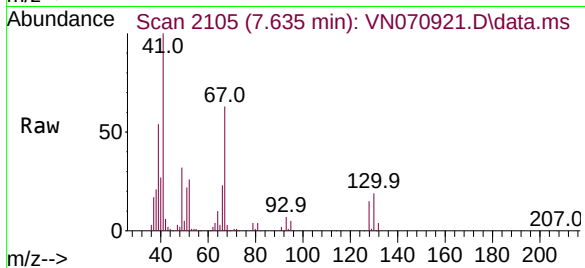
Tgt Ion: 78 Resp: 1938727
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 56.715 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

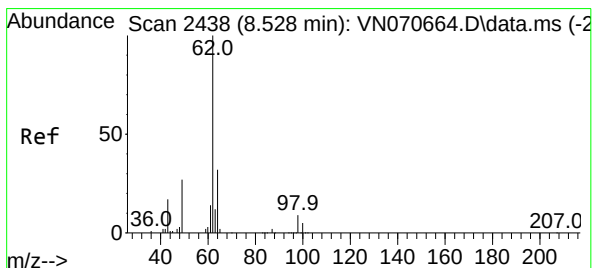
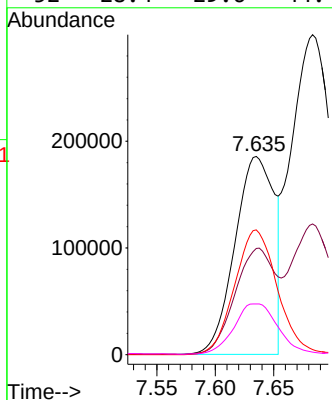
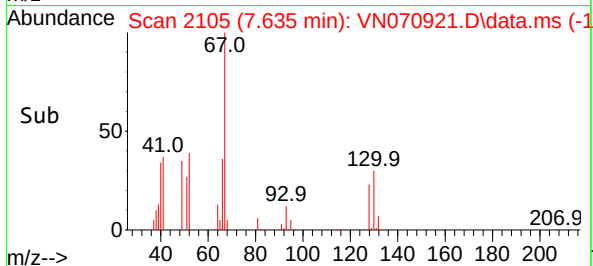
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 43507
Ion Ratio Lower Upper
41 100
39 55.7 48.1 72.1
67 69.0 68.3 102.5
52 28.4 29.6 44.4#

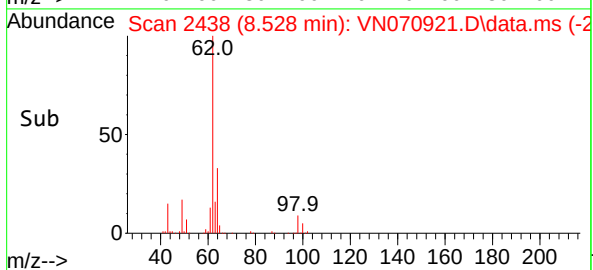
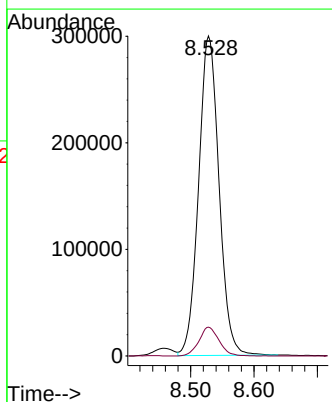
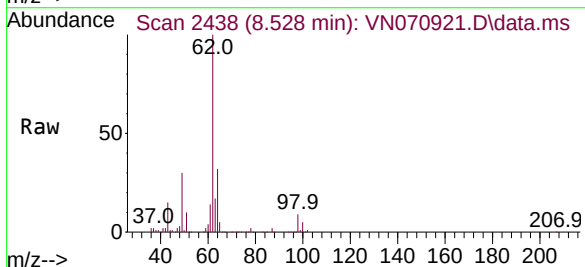
Manual Integrations
APPROVED

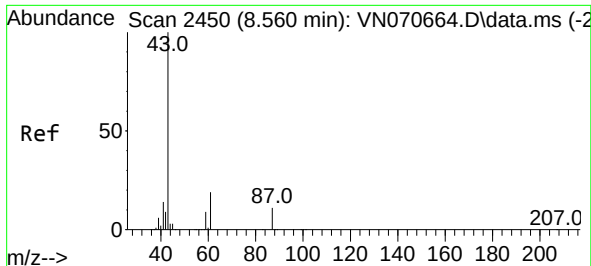
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#42
1,2-Dichloroethane
Concen: 56.689 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

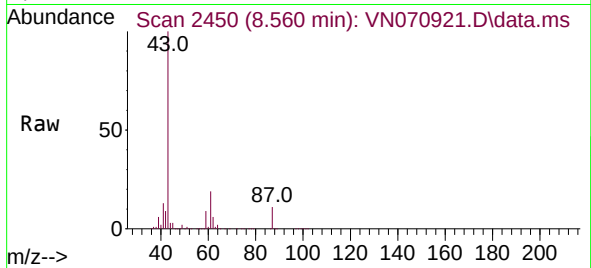
Tgt Ion: 62 Resp: 671670
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.389 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

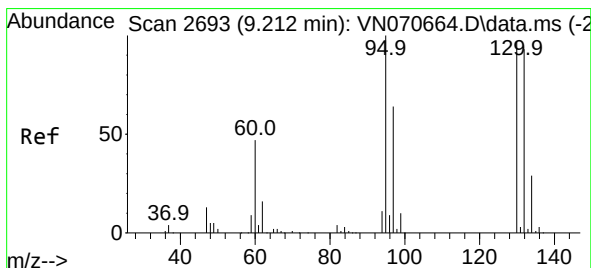
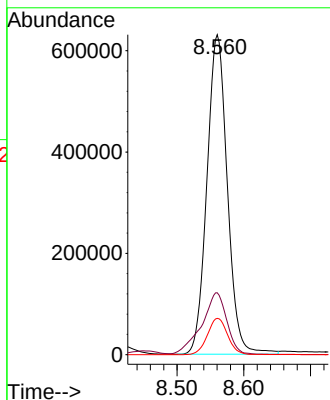
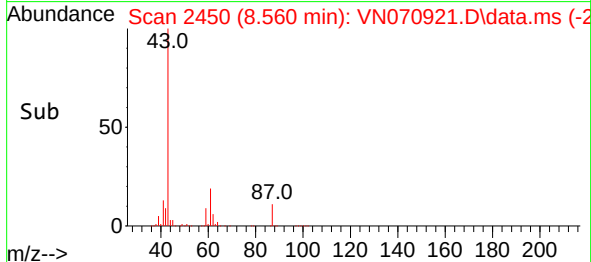
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1344654
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 11.3 11.2 16.8

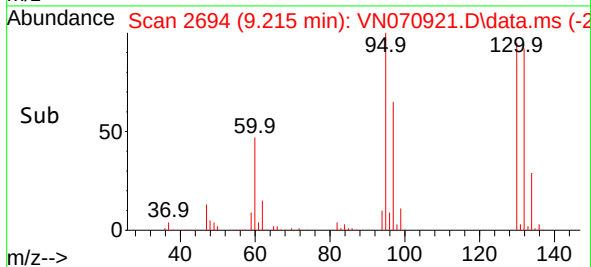
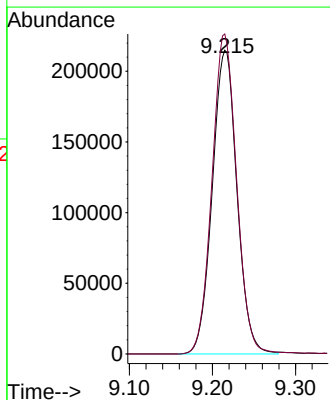
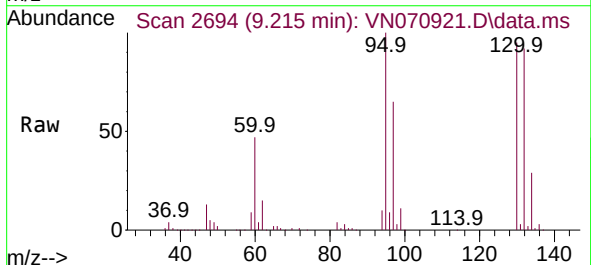
Manual Integrations
APPROVED

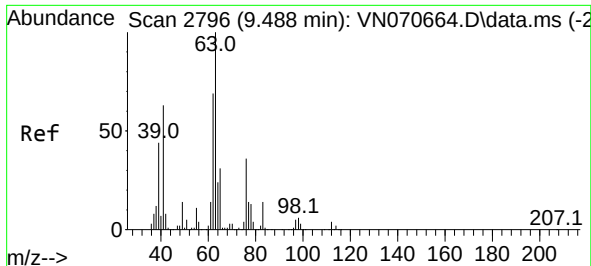
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#44
Trichloroethene
Concen: 55.122 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion:130 Resp: 443916
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 57.549 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 536344

Ion Ratio Lower Upper

63 100

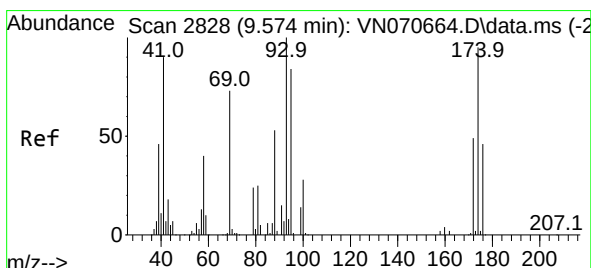
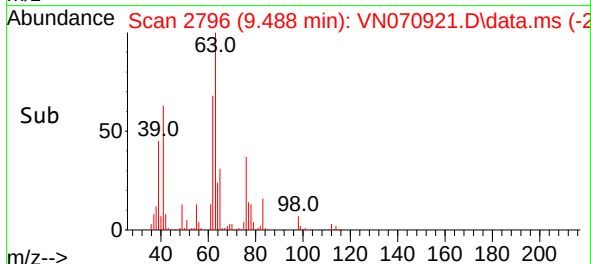
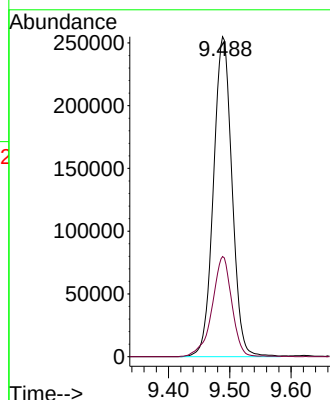
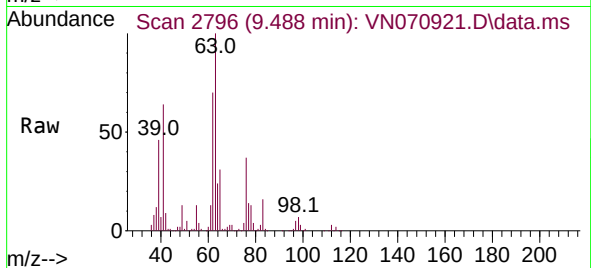
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#46

Dibromomethane

Concen: 57.094 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

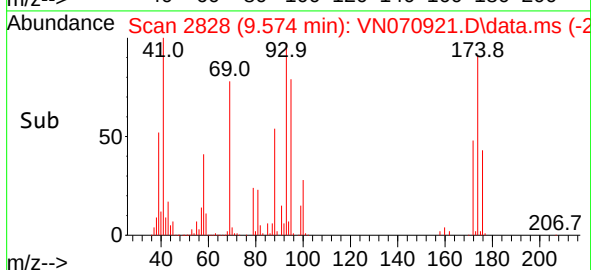
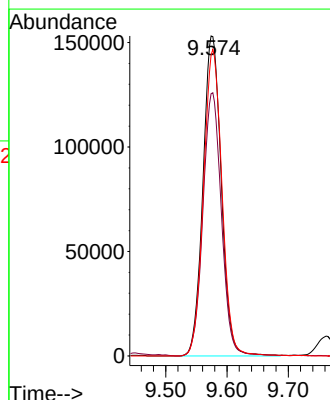
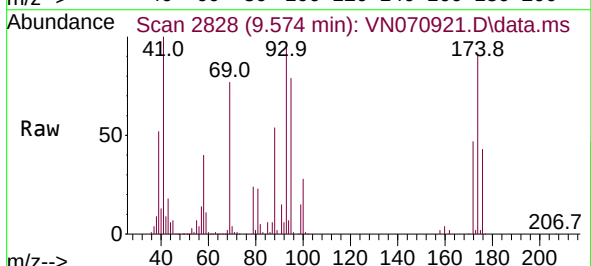
Tgt Ion: 93 Resp: 318758

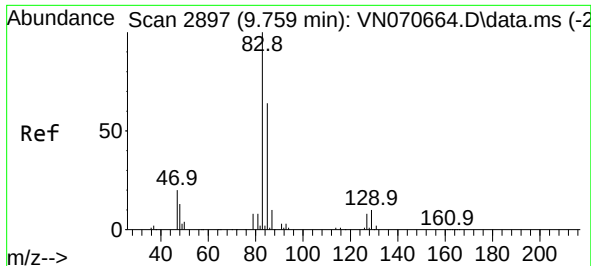
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

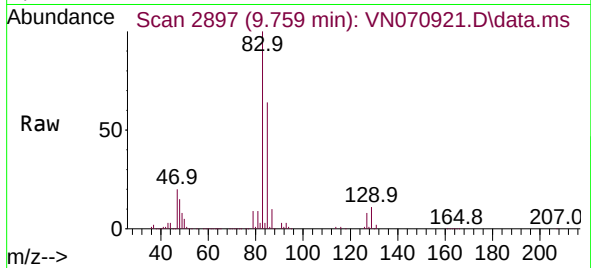
174 96.4 84.6 127.0





#47
Bromodichloromethane
Concen: 57.656 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

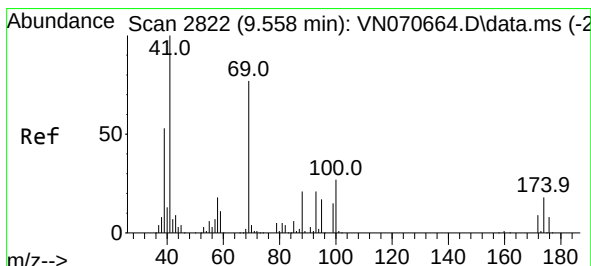
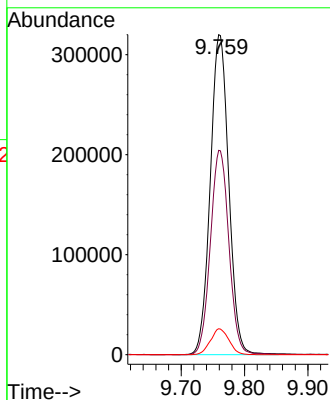
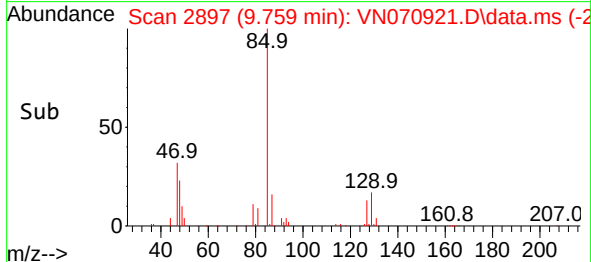
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



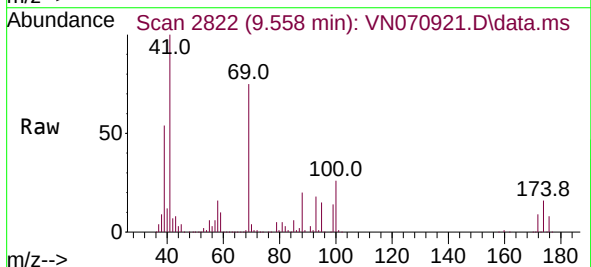
Tgt Ion: 83 Resp: 648378
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

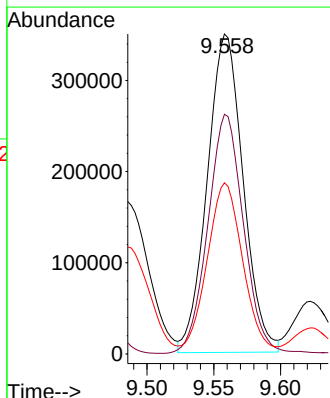
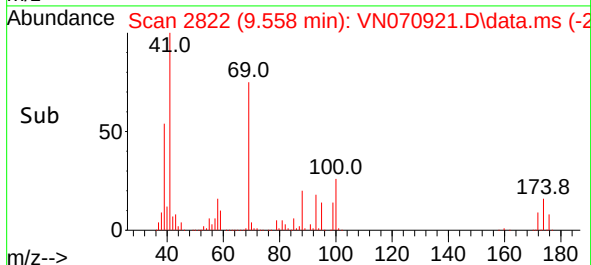
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

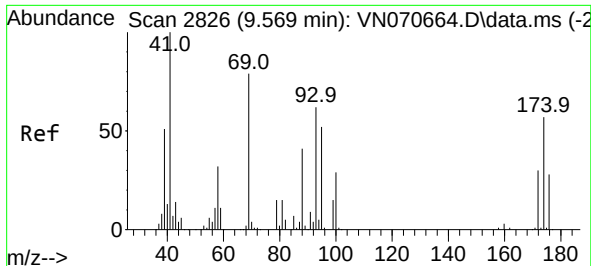


#48
Methyl methacrylate
Concen: 59.031 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



Tgt Ion: 41 Resp: 653249
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 49.4 58.4 87.6#





#49

1,4-Dioxane

Concen: 1057.705 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 196078

Ion Ratio Lower Upper

88 100

43 33.3 23.4 35.2

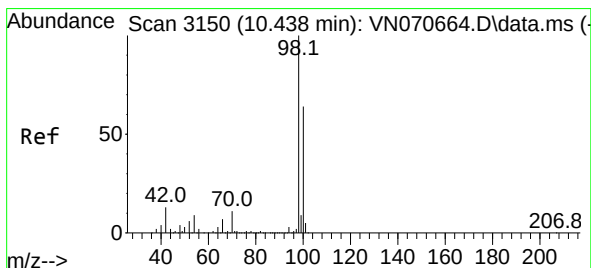
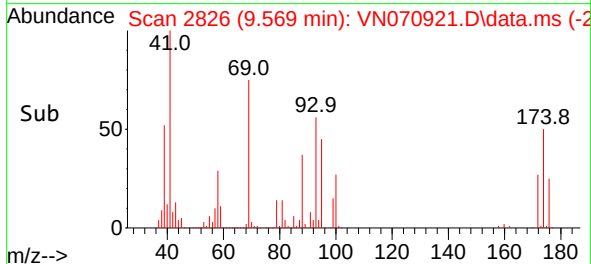
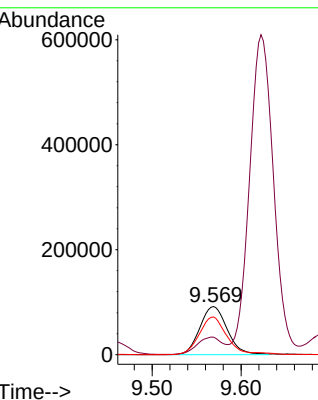
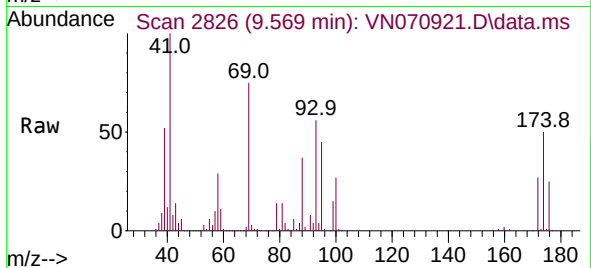
58 80.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN070921.D

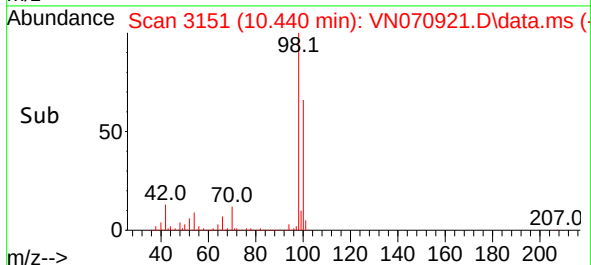
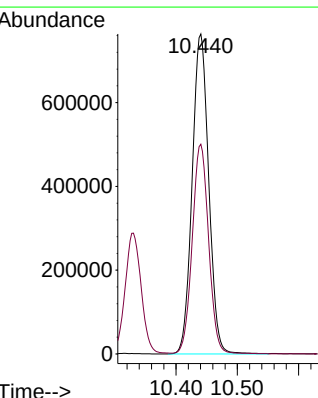
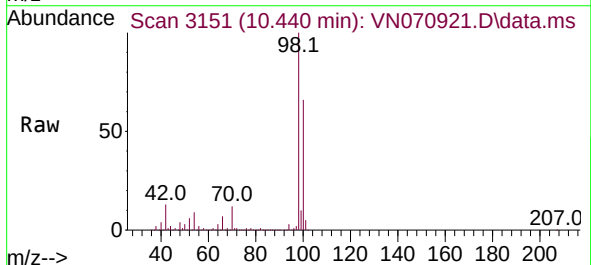
Acq: 3 Feb 2022 9:57

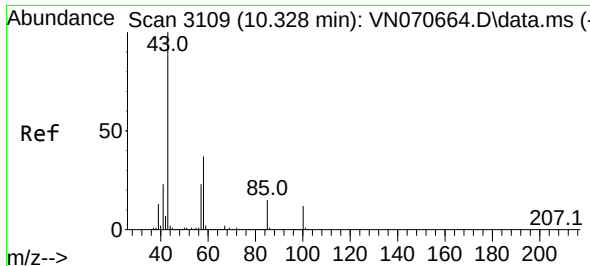
Tgt Ion: 98 Resp: 1433585

Ion Ratio Lower Upper

98 100

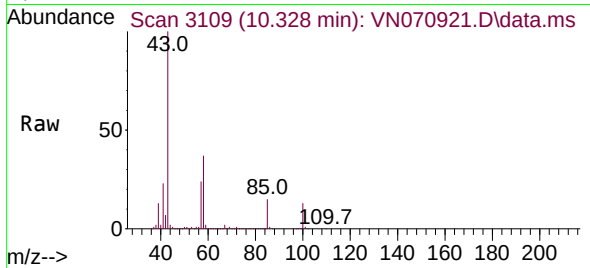
100 64.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 283.284 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

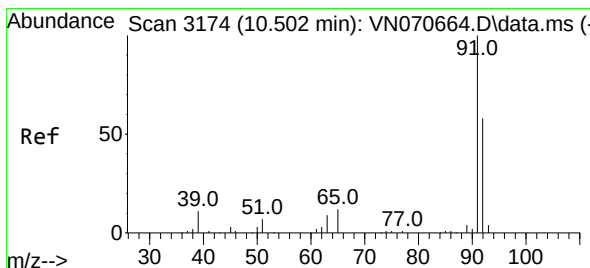
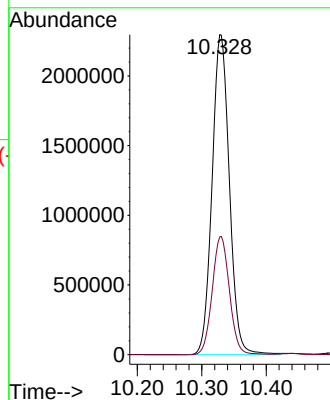
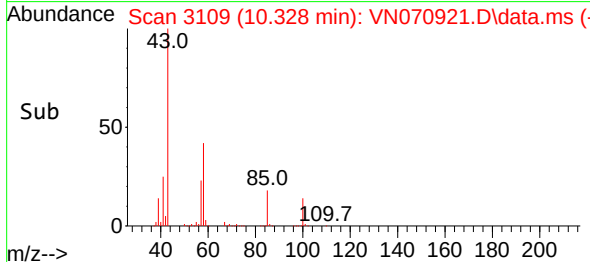
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



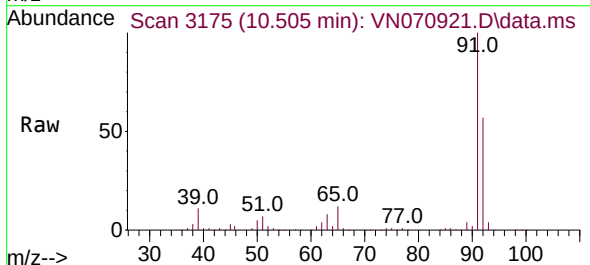
Tgt Ion: 43 Resp: 4279710
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

Manual Integrations
APPROVED

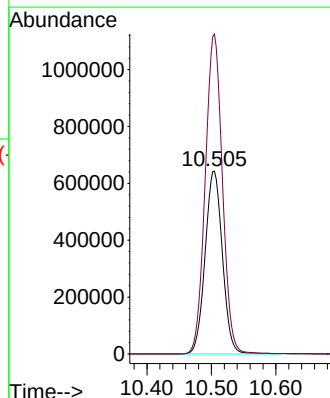
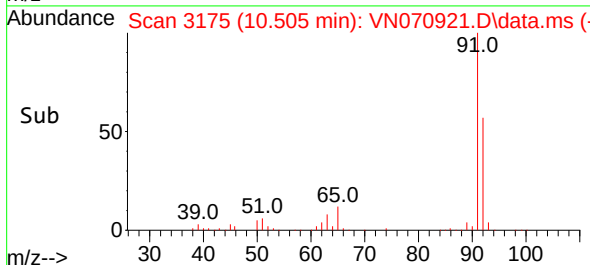
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

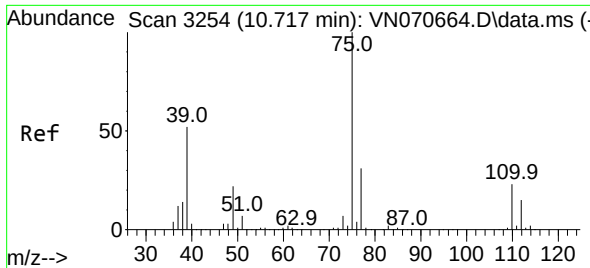


#52
Toluene
Concen: 55.456 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



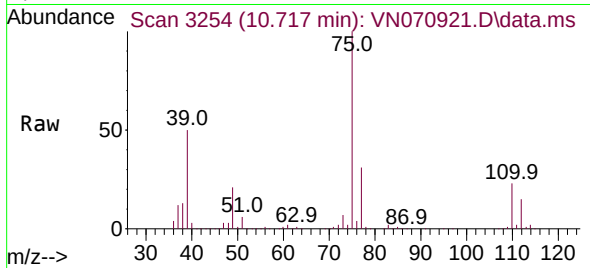
Tgt Ion: 92 Resp: 1195886
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 58.827 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

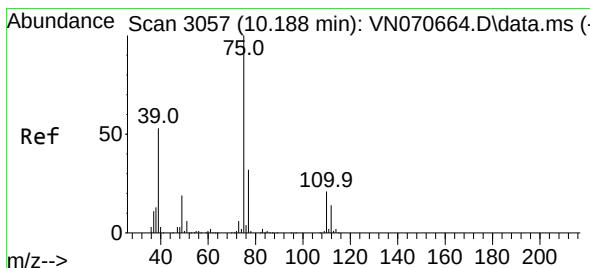
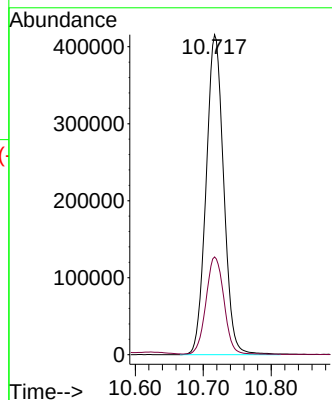
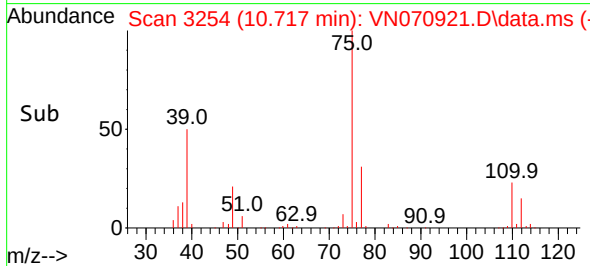
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



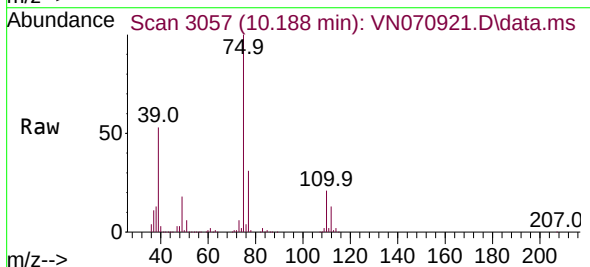
Tgt Ion: 75 Resp: 746608
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

Manual Integrations
APPROVED

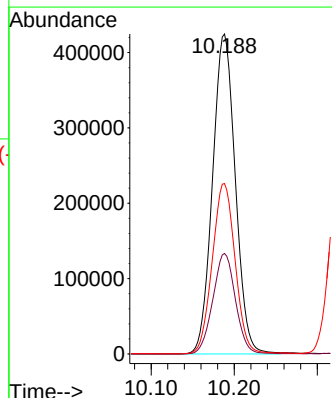
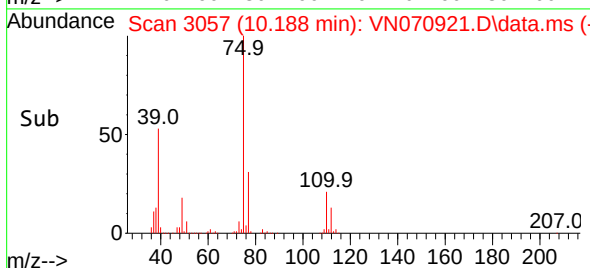
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

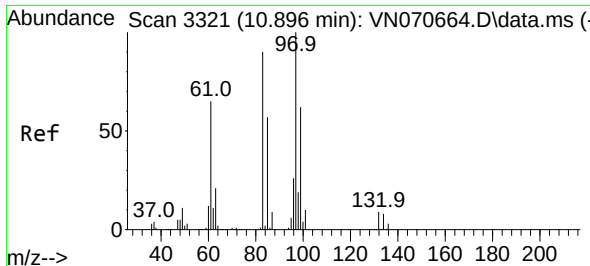


#54
cis-1,3-Dichloropropene
Concen: 58.643 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



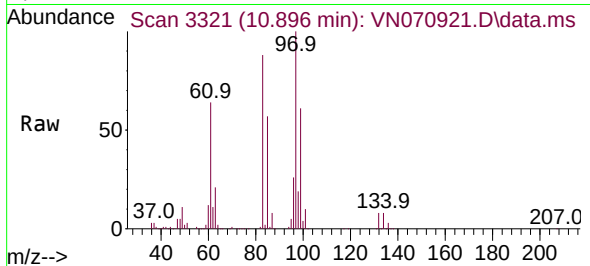
Tgt Ion: 75 Resp: 809485
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 53.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 56.302 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

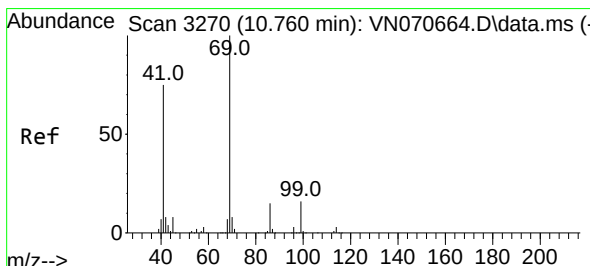
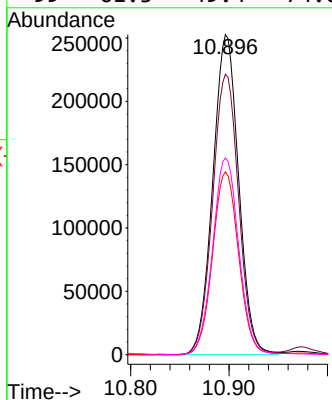
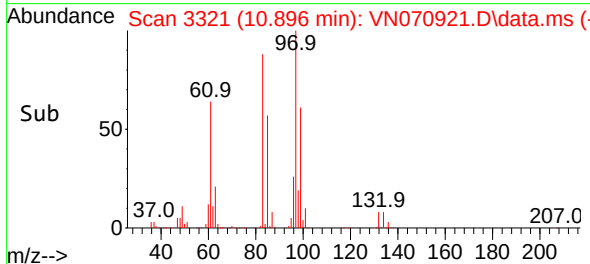
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



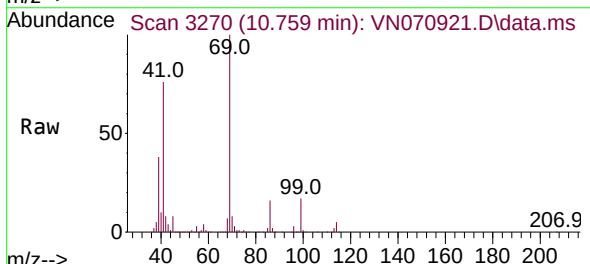
Tgt Ion: 97 Resp: 461105
Ion Ratio Lower Upper
97 100
83 87.7 67.8 101.6
85 57.1 45.4 68.2
99 61.3 49.4 74.0

Manual Integrations
APPROVED

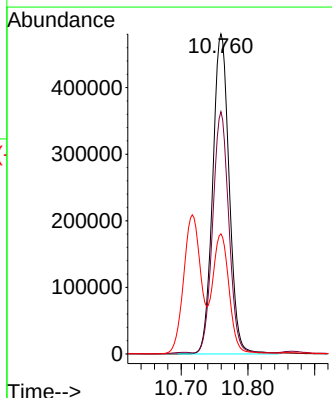
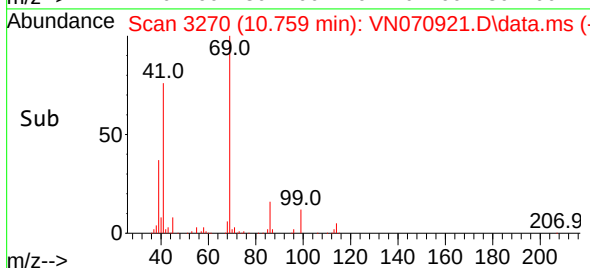
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

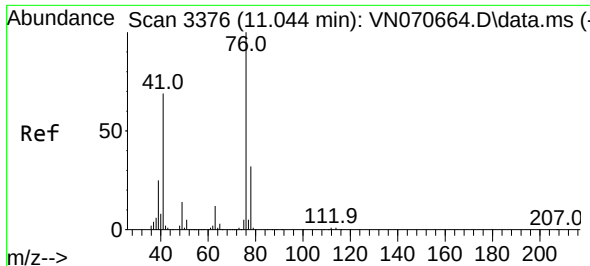


#56
Ethyl methacrylate
Concen: 57.679 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



Tgt Ion: 69 Resp: 822758
Ion Ratio Lower Upper
69 100
41 73.7 51.4 77.0
39 35.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 57.469 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070921.D

Acq: 3 Feb 2022 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 823952

Ion Ratio Lower Upper

76 100

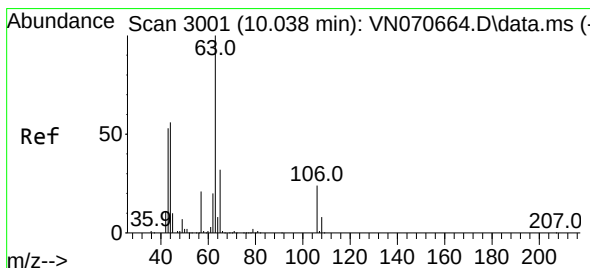
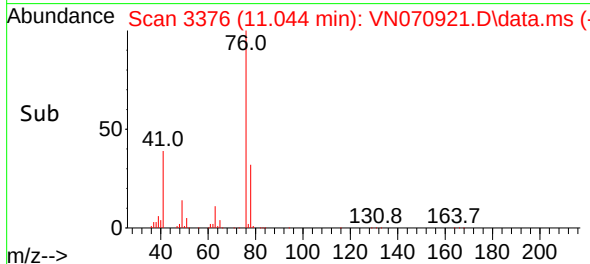
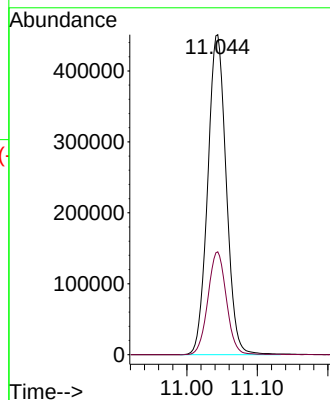
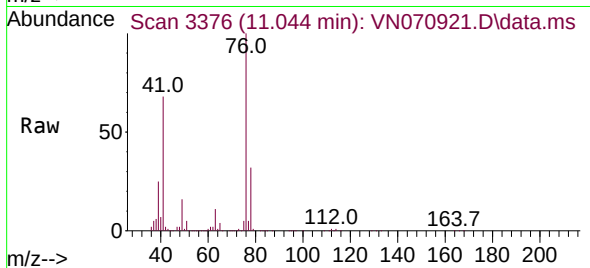
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/07/2022

Supervised By :Mahesh Dadoda 02/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 264.758 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070921.D

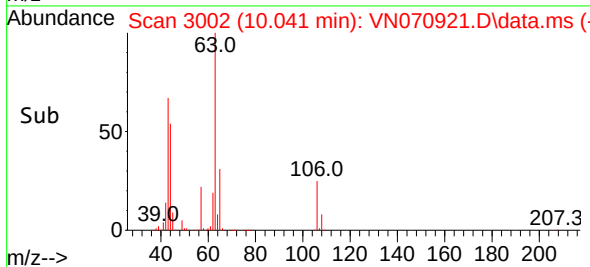
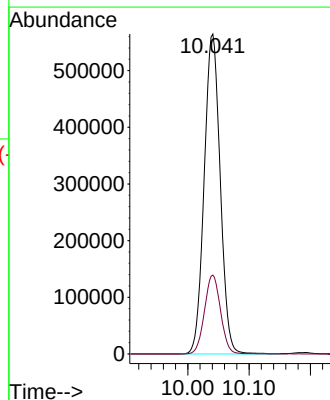
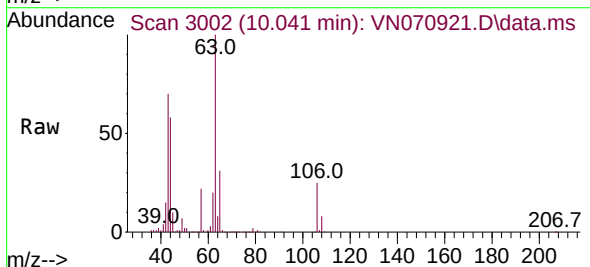
Acq: 3 Feb 2022 9:57

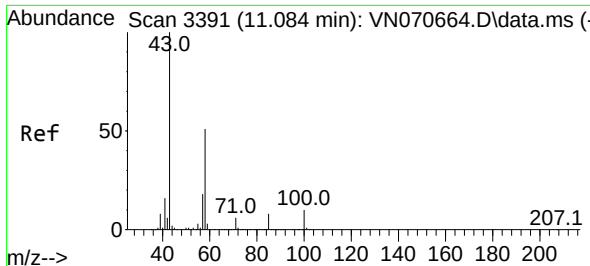
Tgt Ion: 63 Resp: 1027495

Ion Ratio Lower Upper

63 100

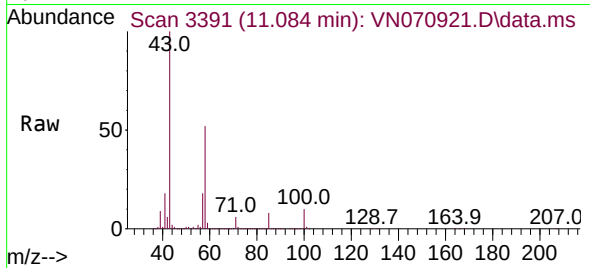
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 299.632 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

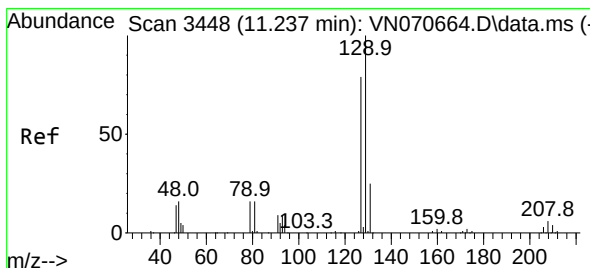
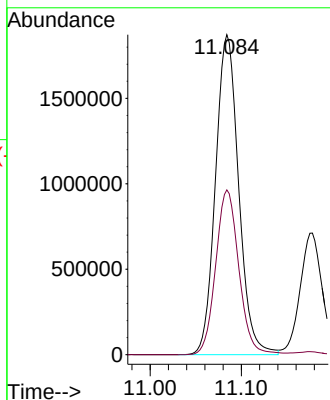
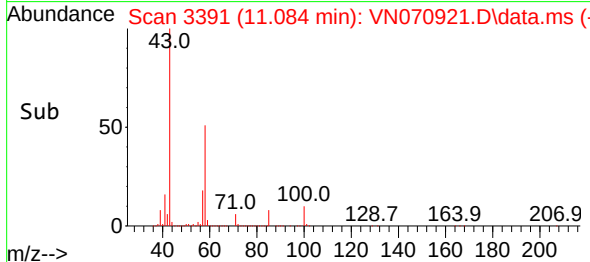
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 3305000
Ion Ratio Lower Upper
43 100
58 51.5 26.9 80.7

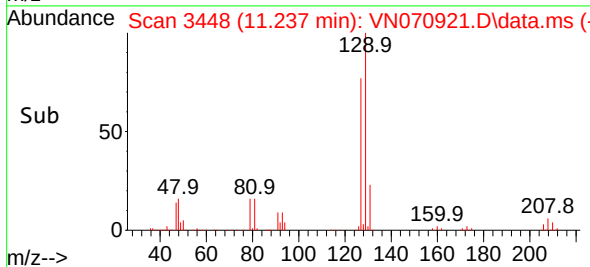
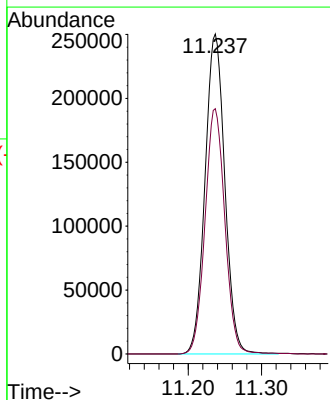
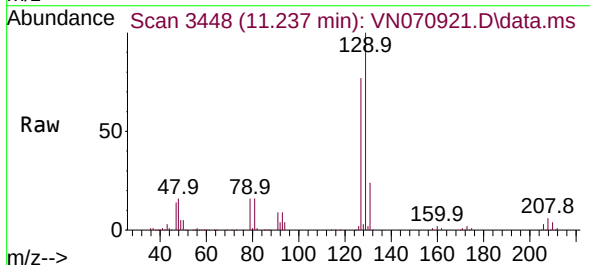
Manual Integrations
APPROVED

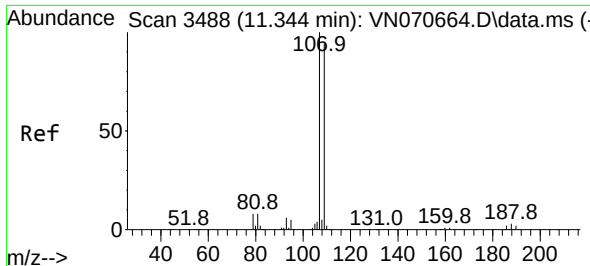
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#60
Dibromochloromethane
Concen: 57.751 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

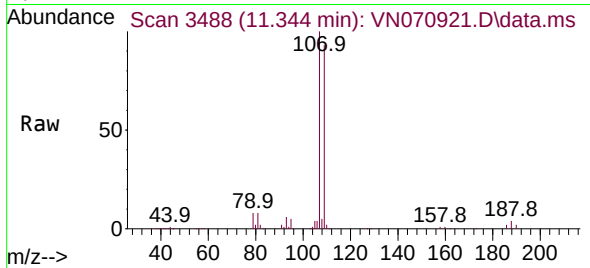
Tgt Ion:129 Resp: 469107
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.568 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

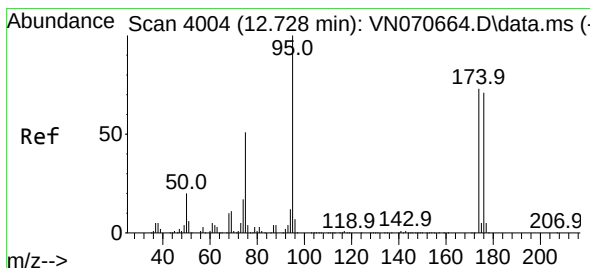
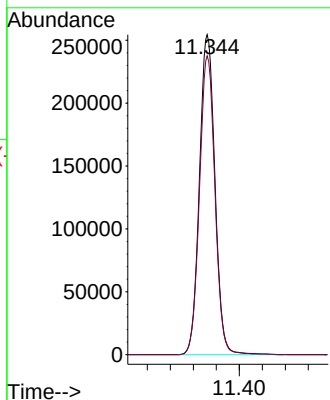
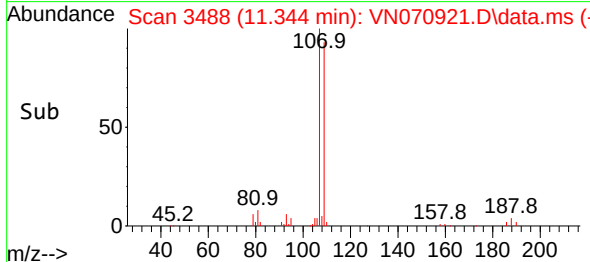
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 47646
Ion Ratio Lower Upper
107 100
109 93.5 75.7 113.5

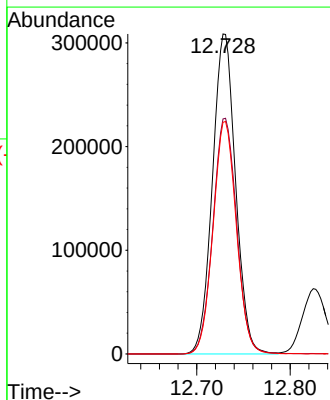
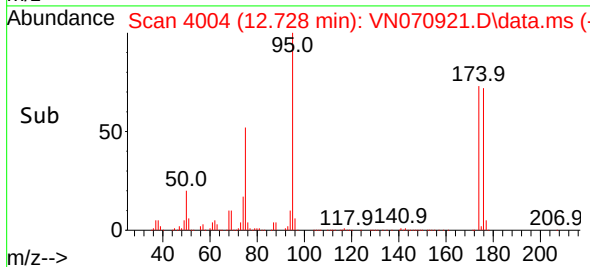
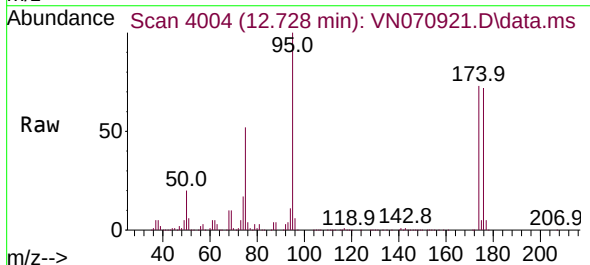
Manual Integrations
APPROVED

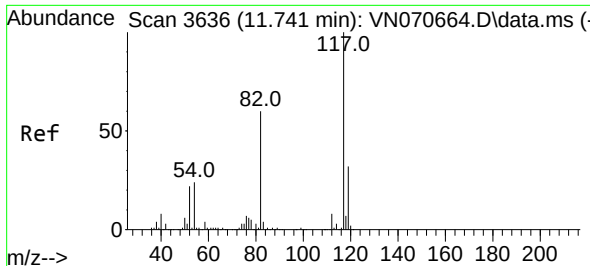
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#62
4-Bromofluorobenzene
Concen: 52.655 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

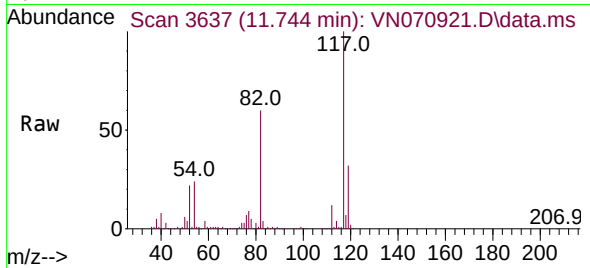
Tgt Ion: 95 Resp: 531205
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

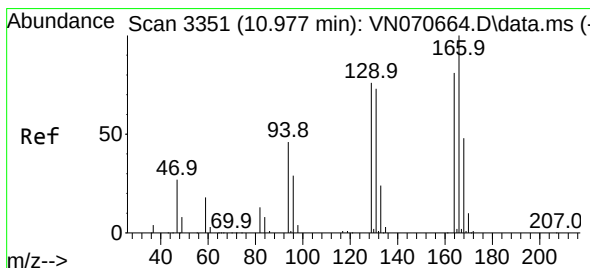
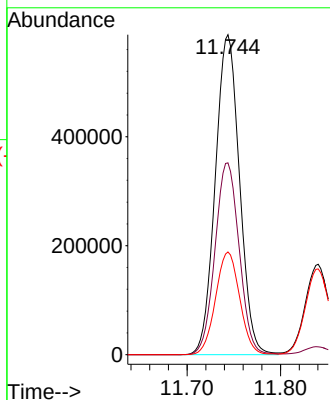
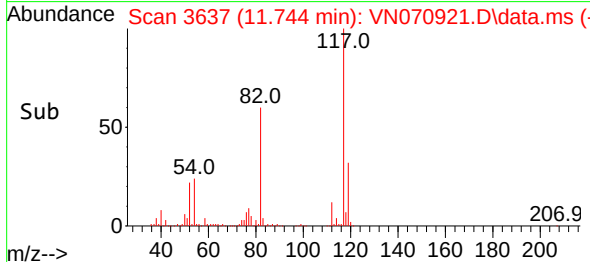
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1058910
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.1 25.4 38.2

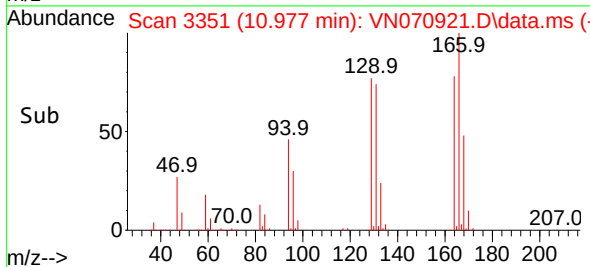
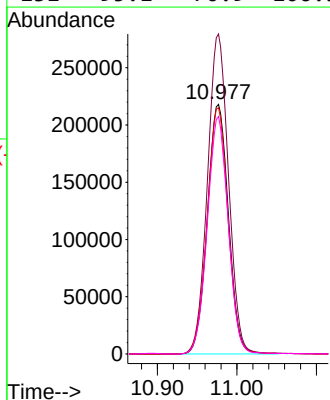
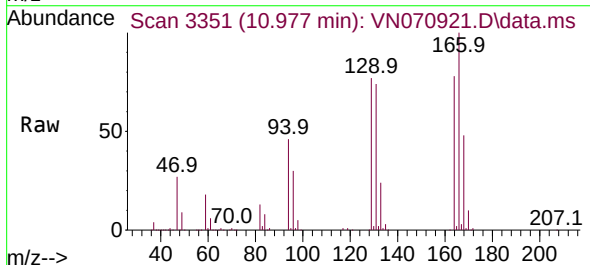
Manual Integrations
APPROVED

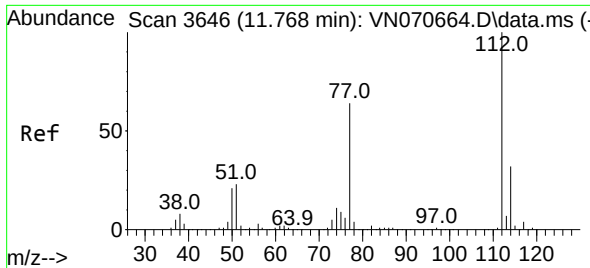
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#64
Tetrachloroethene
Concen: 58.199 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion:164 Resp: 403364
Ion Ratio Lower Upper
164 100
166 128.2 101.9 152.9
129 98.7 72.0 108.0
131 95.1 70.9 106.3





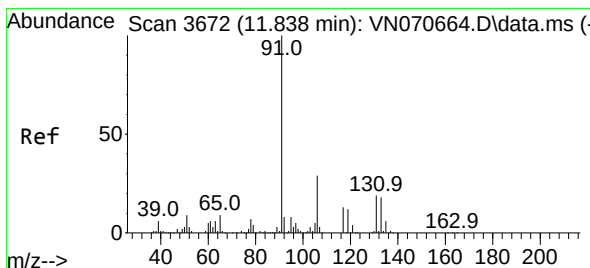
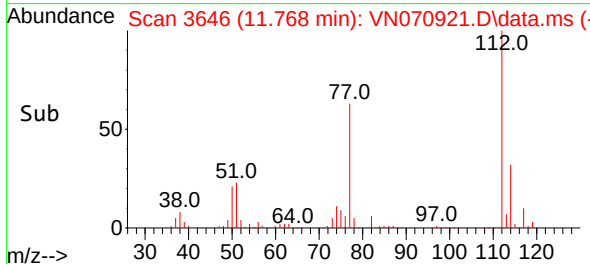
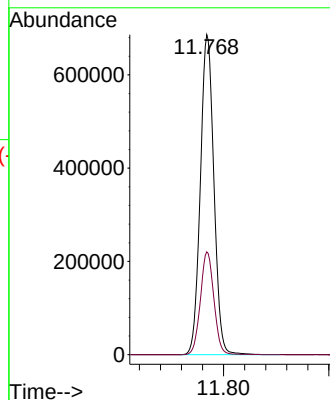
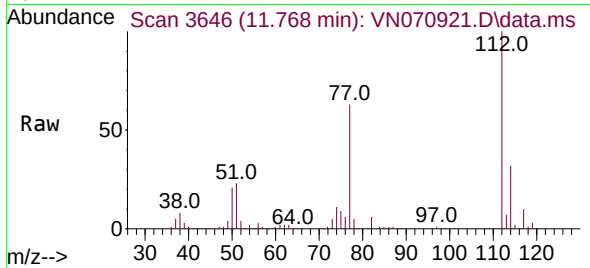
#65
Chlorobenzene
Concen: 55.184 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 122302
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

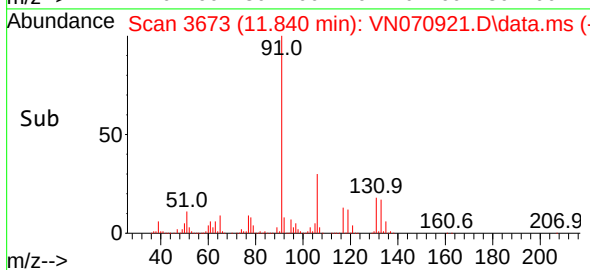
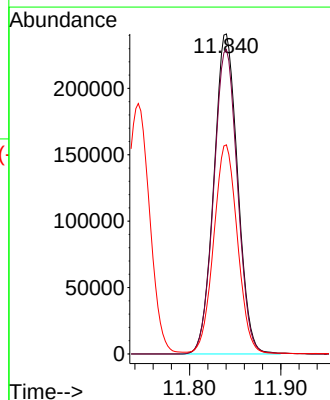
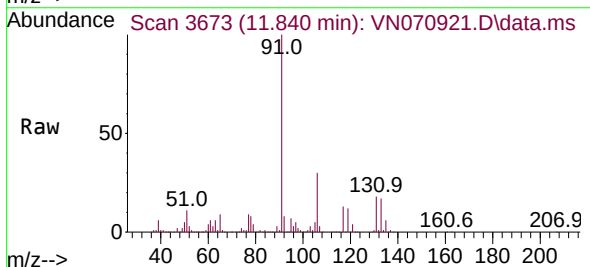
Manual Integrations
APPROVED

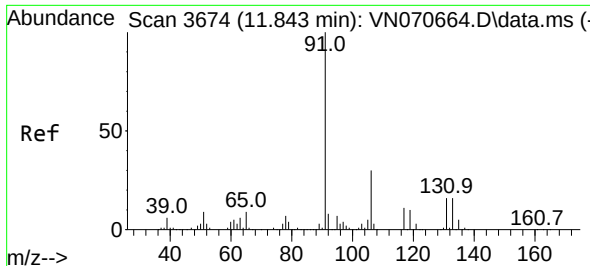
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 56.543 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion:131 Resp: 437370
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 65.0 32.1 96.5





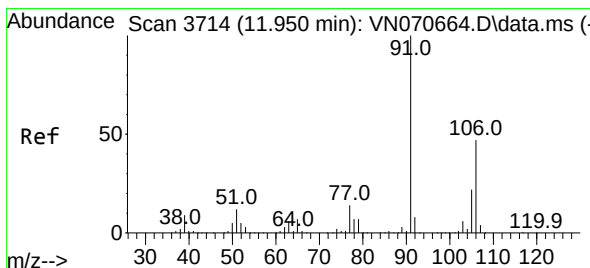
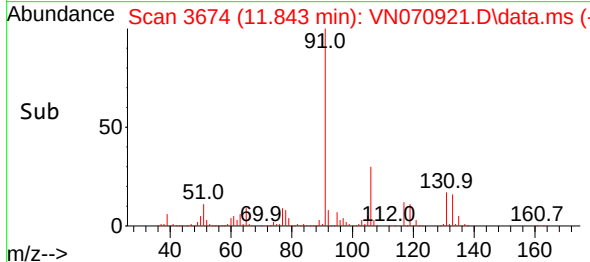
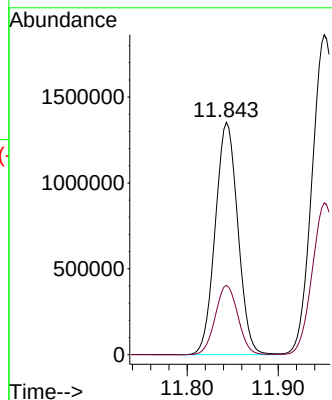
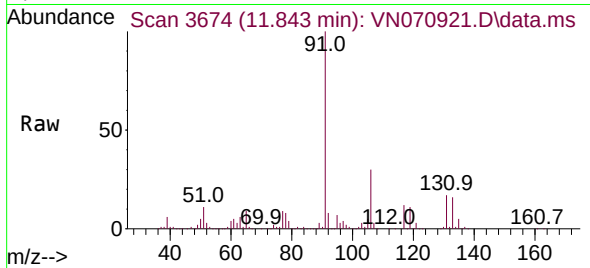
#67
Ethyl Benzene
Concen: 57.690 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2330712
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

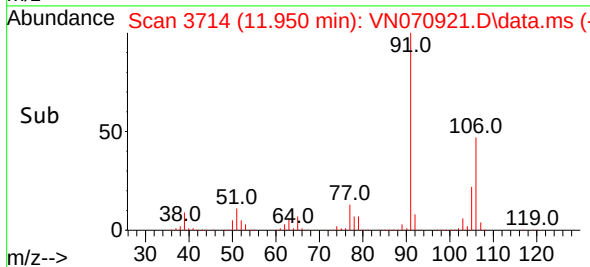
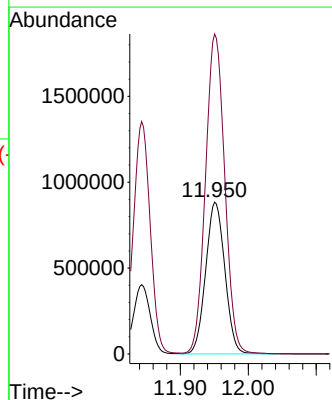
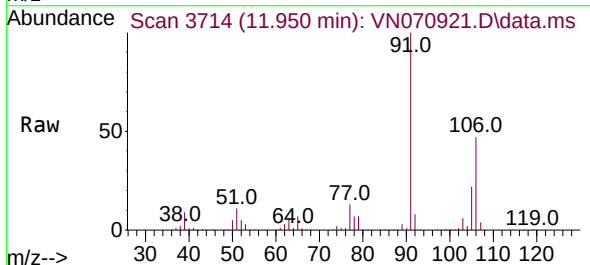
Manual Integrations
APPROVED

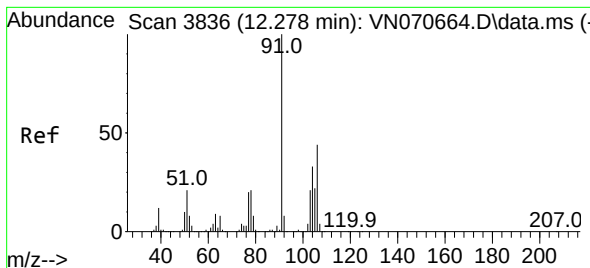
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#68
m/p-Xylenes
Concen: 115.675 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion:106 Resp: 1731585
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8





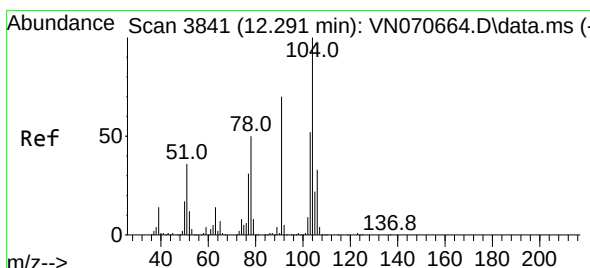
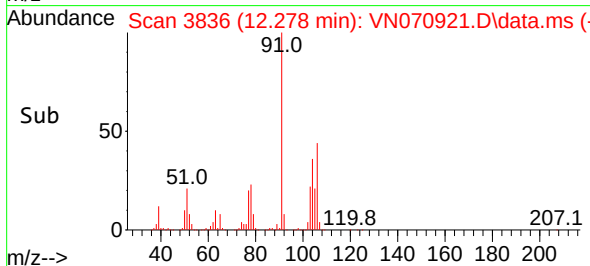
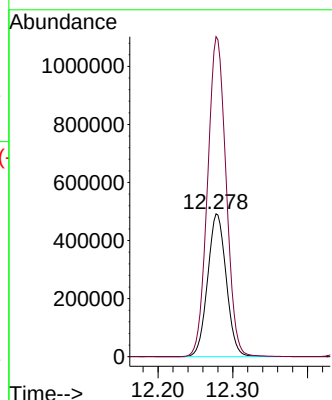
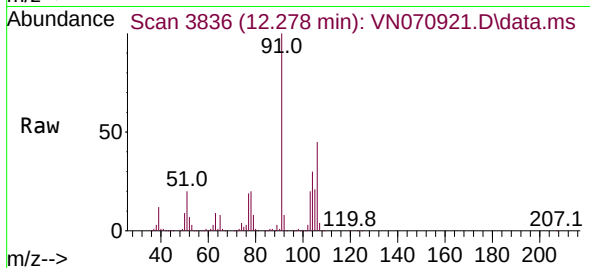
#69
o-Xylene
Concen: 56.746 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.002 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 850164
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3

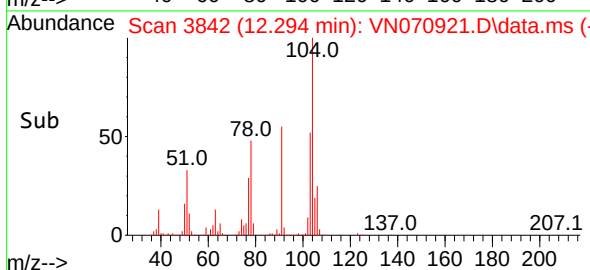
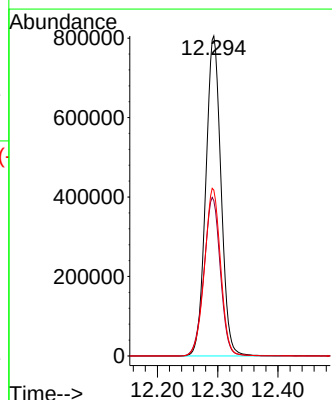
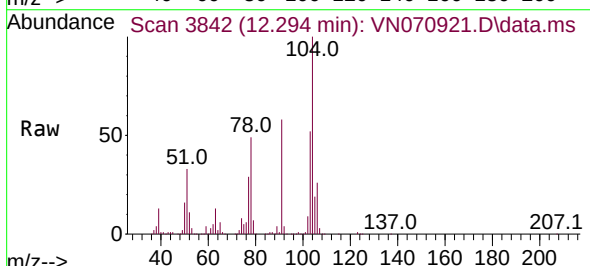
Manual Integrations
APPROVED

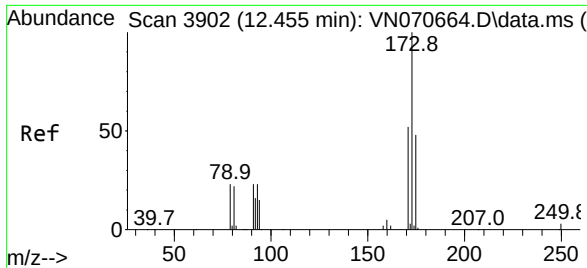
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#70
Styrene
Concen: 59.840 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

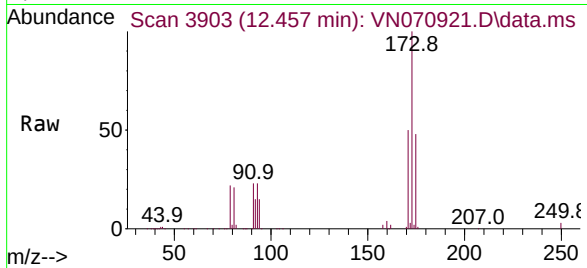
Tgt Ion:104 Resp: 1412946
Ion Ratio Lower Upper
104 100
78 53.2 38.7 58.1
103 55.5 45.0 67.6





#71
Bromoform
Concen: 56.118 ug/l
RT: 12.457 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

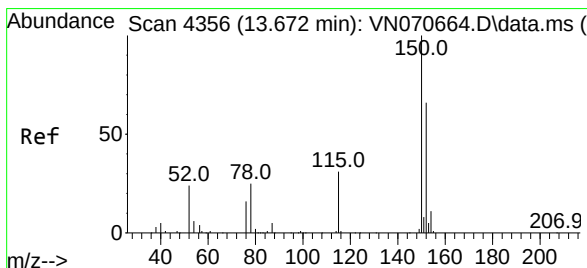
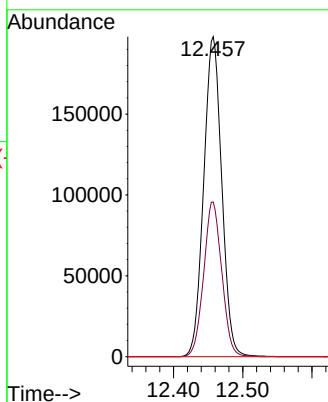
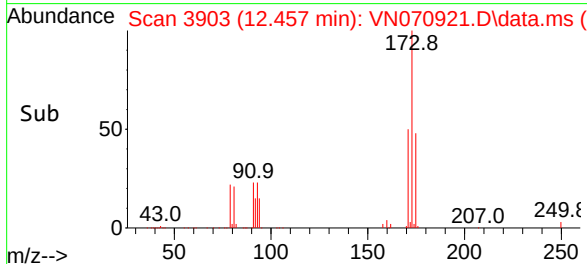
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



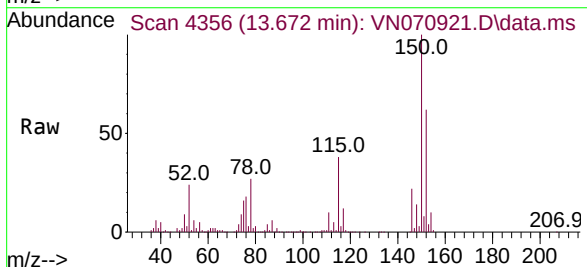
Tgt Ion:173 Resp: 35841
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

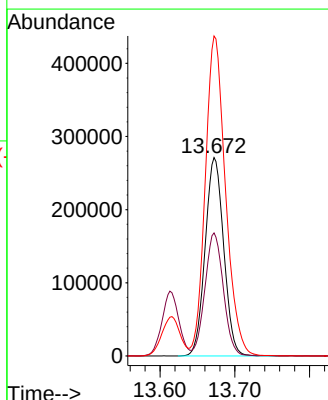
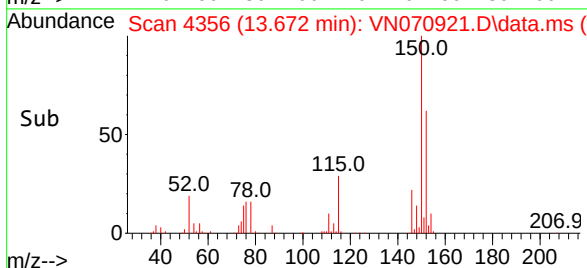
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

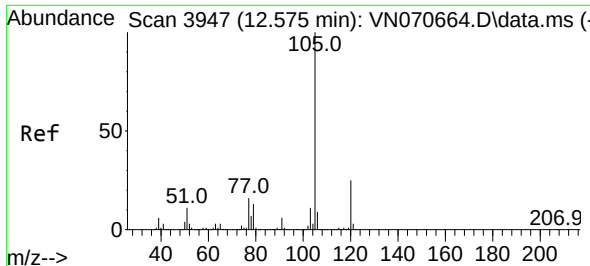


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



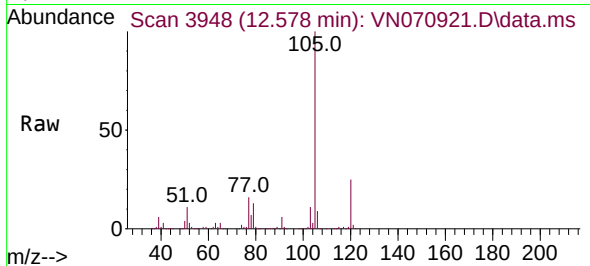
Tgt Ion:152 Resp: 467928
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 175.8 0.0 344.4





#73
Isopropylbenzene
Concen: 54.886 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

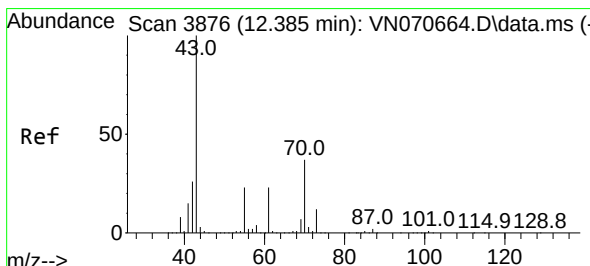
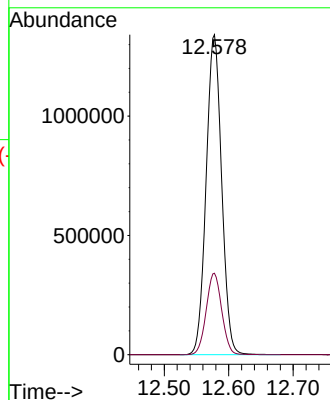
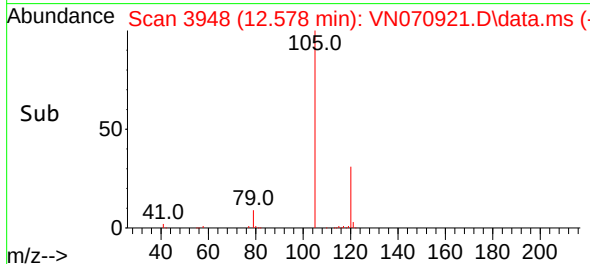
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 224080
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

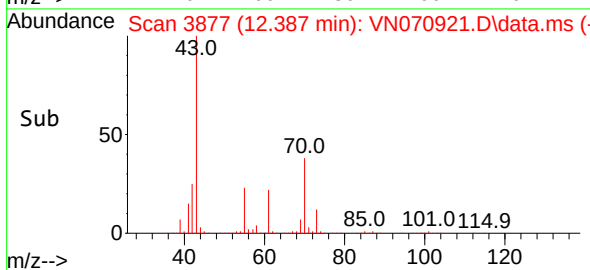
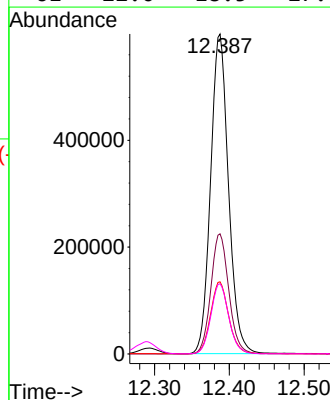
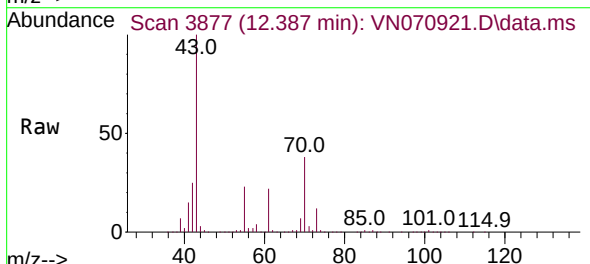
Manual Integrations
APPROVED

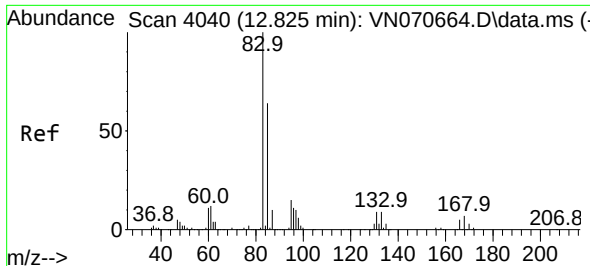
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#74
N-amy1 acetate
Concen: 54.439 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

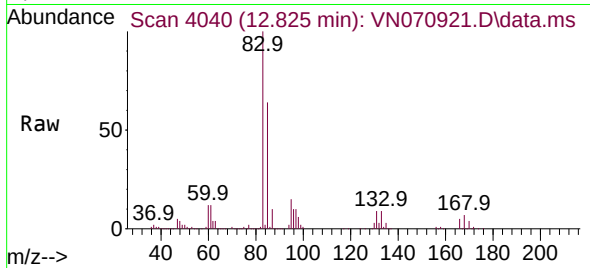
Tgt Ion: 43 Resp: 995390
Ion Ratio Lower Upper
43 100
70 37.7 33.4 50.0
55 22.8 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.455 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

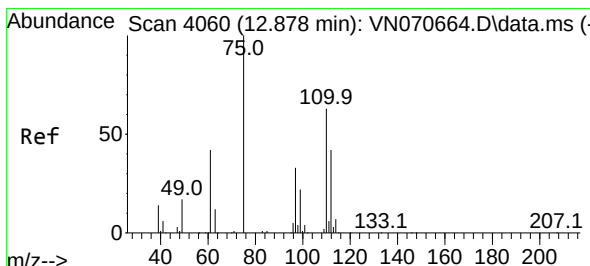
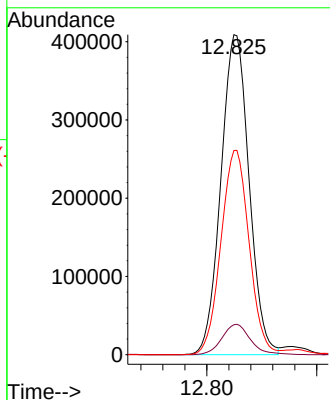
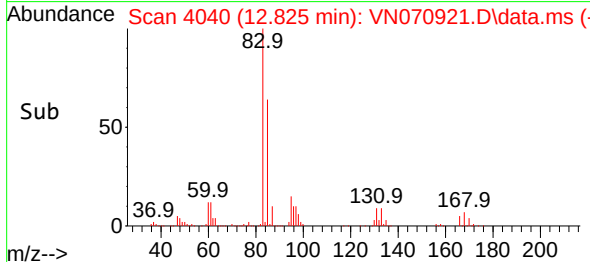
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 72765
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 63.8 32.4 97.2

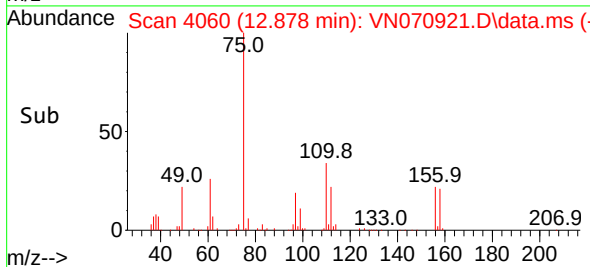
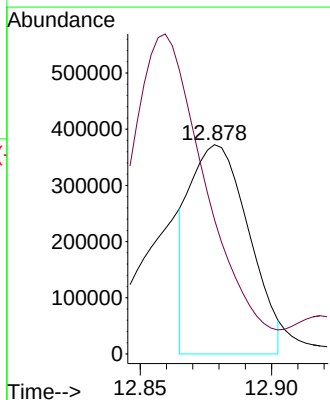
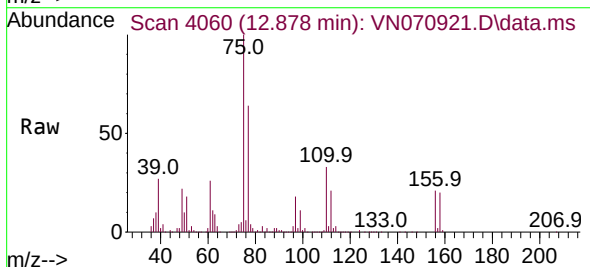
Manual Integrations
APPROVED

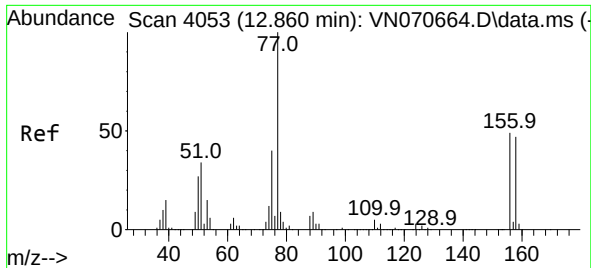
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#76
1,2,3-Trichloropropane
Concen: 51.468 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion: 75 Resp: 579684
Ion Ratio Lower Upper
75 100
77 203.7 82.6 247.8





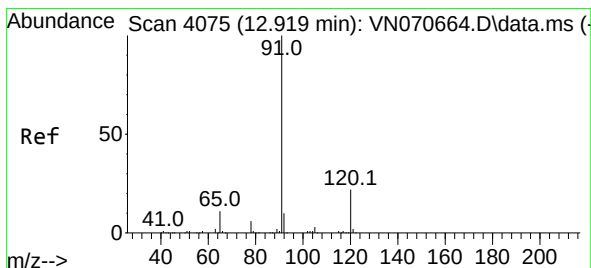
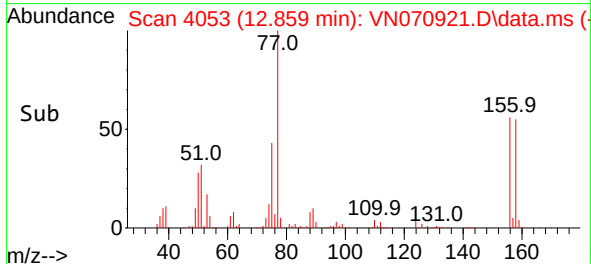
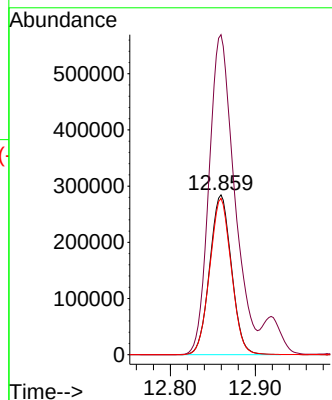
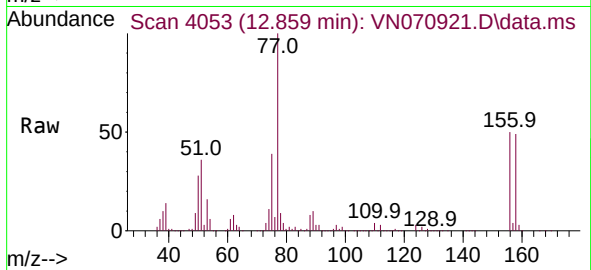
#77
Bromobenzene
Concen: 51.627 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 505280
Ion Ratio Lower Upper
156 100
77 233.7 90.6 271.8
158 97.2 48.9 146.7

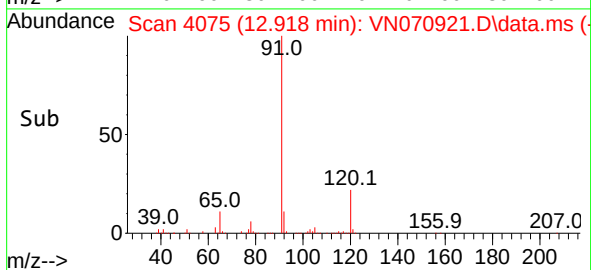
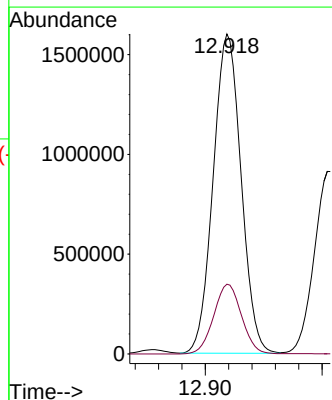
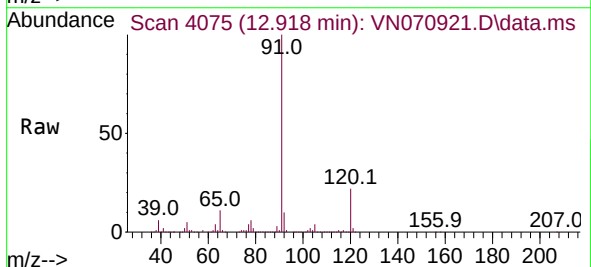
Manual Integrations
APPROVED

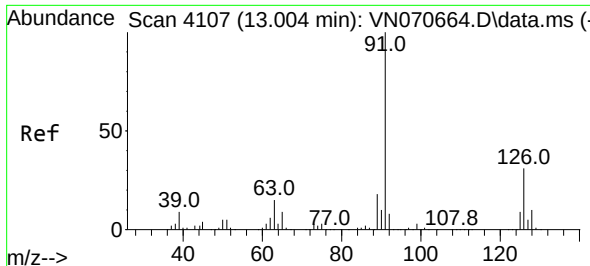
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#78
n-propylbenzene
Concen: 56.957 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Tgt Ion: 91 Resp: 2651880
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





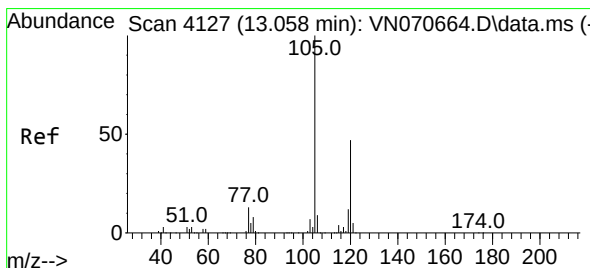
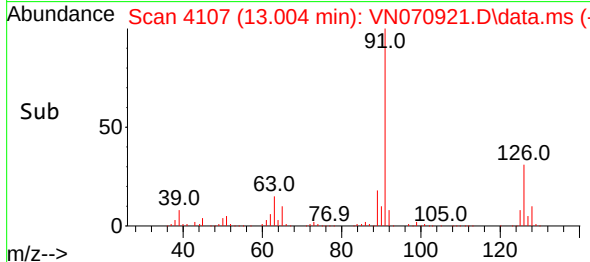
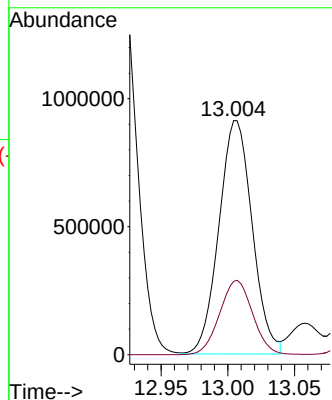
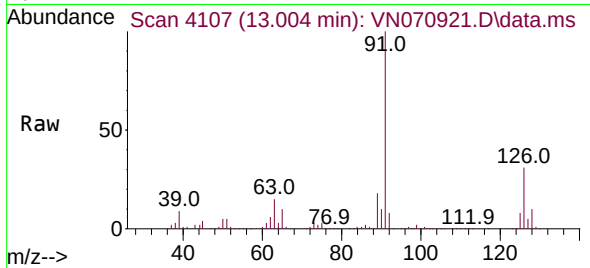
#79
2-Chlorotoluene
Concen: 54.779 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1585934
Ion Ratio Lower Upper
91 100
126 31.6 18.3 54.8

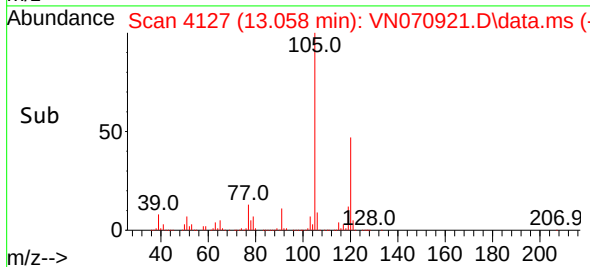
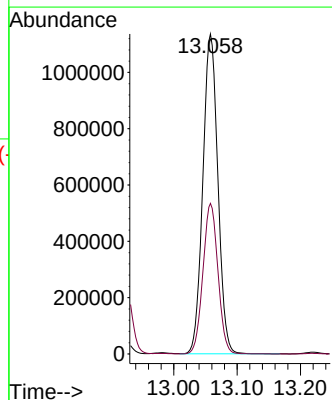
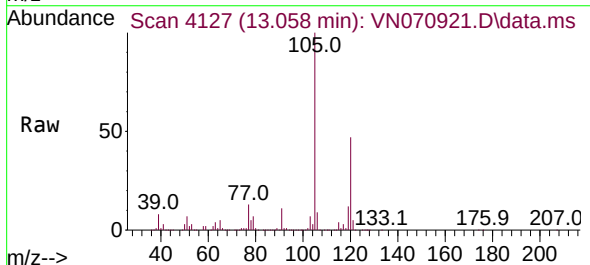
Manual Integrations
APPROVED

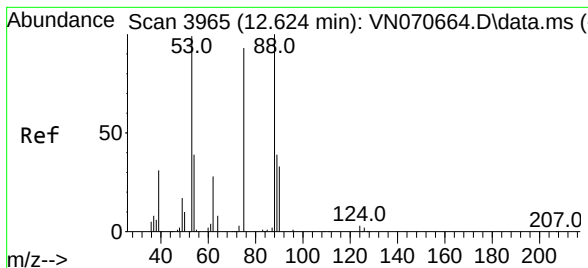
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.553 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

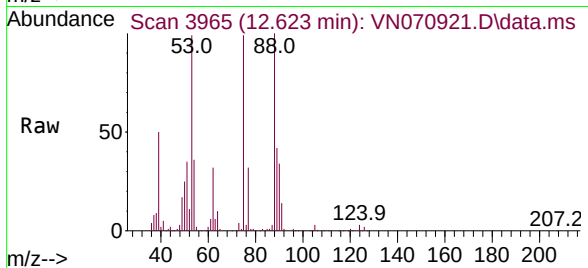
Tgt Ion:105 Resp: 1871645
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.967 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

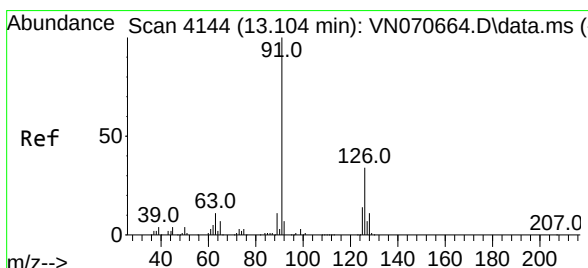
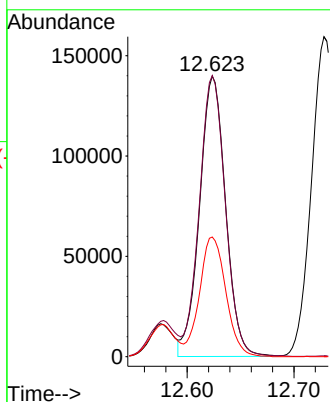
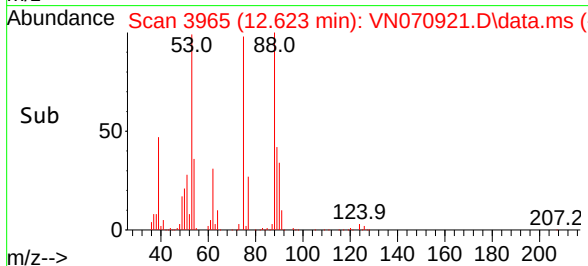
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 23670
Ion Ratio Lower Upper
75 100
53 100.2 90.5 135.7
89 43.1 38.2 57.4

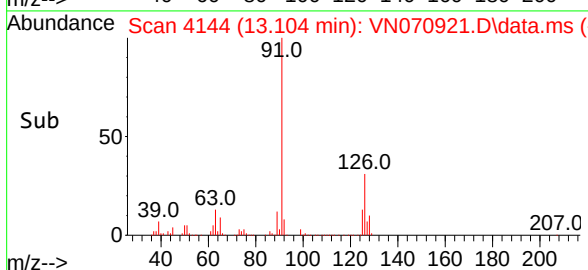
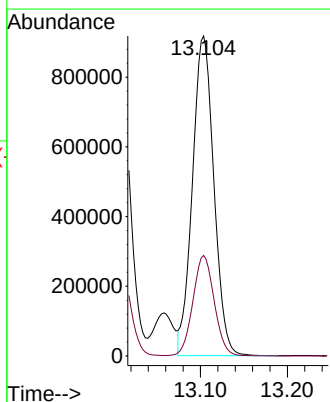
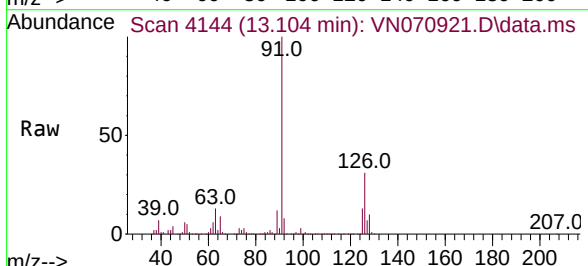
Manual Integrations
APPROVED

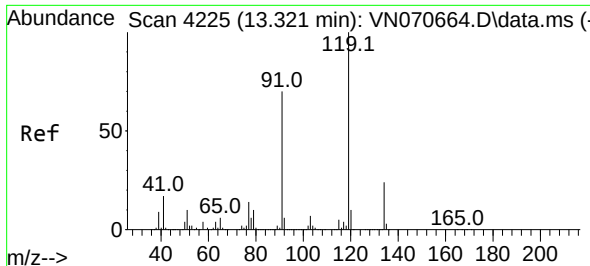
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#82
4-Chlorotoluene
Concen: 56.134 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

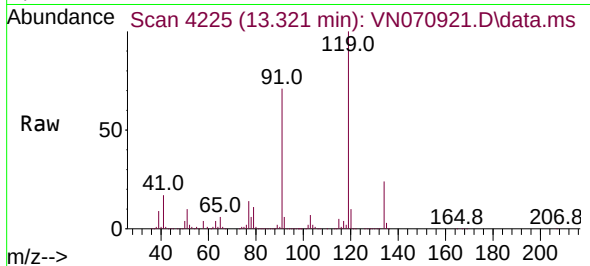
Tgt Ion: 91 Resp: 1566293
Ion Ratio Lower Upper
91 100
126 31.3 18.2 54.6





#83
tert-Butylbenzene
Concen: 55.458 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

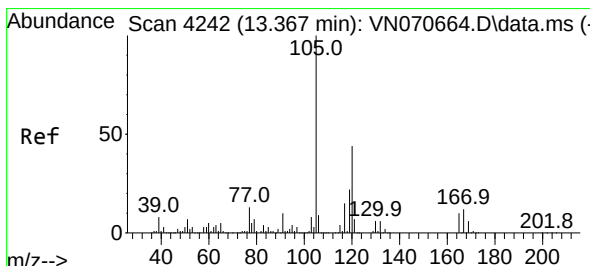
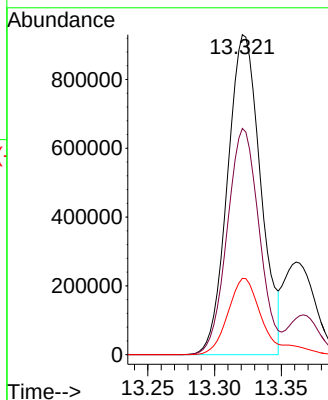
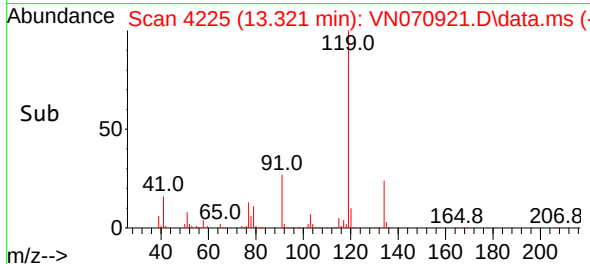
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



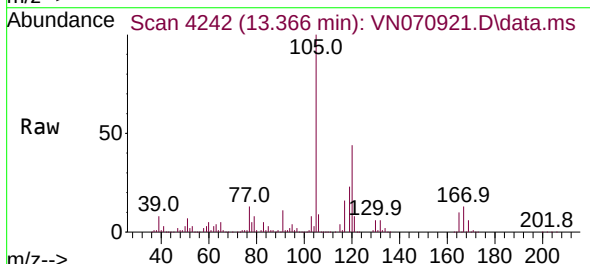
Tgt Ion:119 Resp: 1600692
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 25.4 12.4 37.4

Manual Integrations
APPROVED

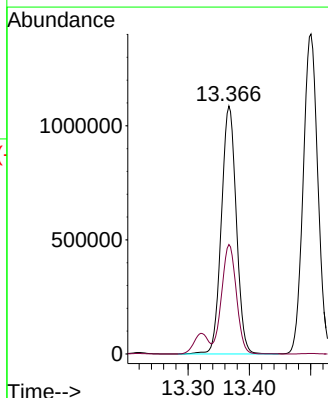
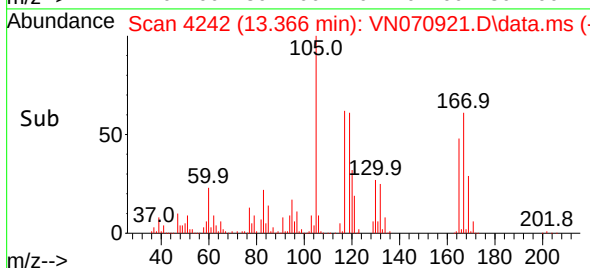
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

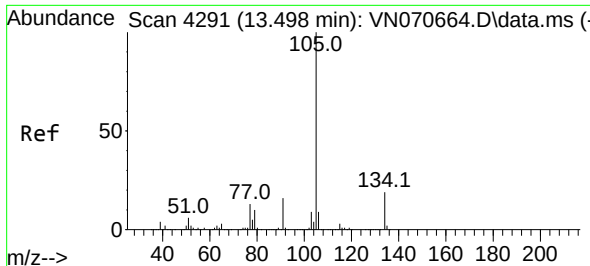


#84
1,2,4-Trimethylbenzene
Concen: 56.766 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



Tgt Ion:105 Resp: 1837176
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





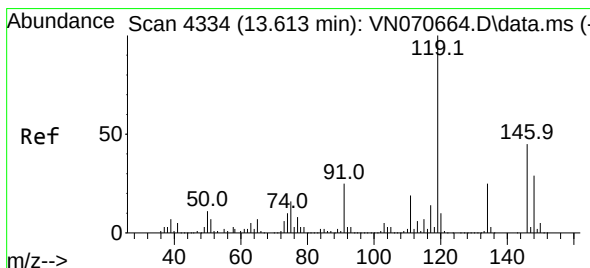
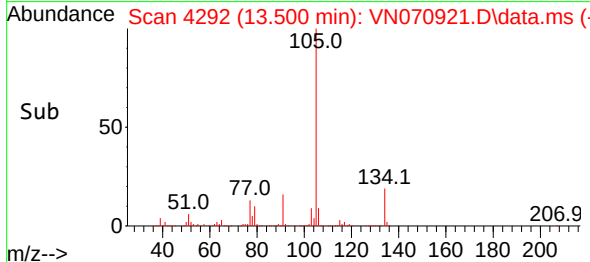
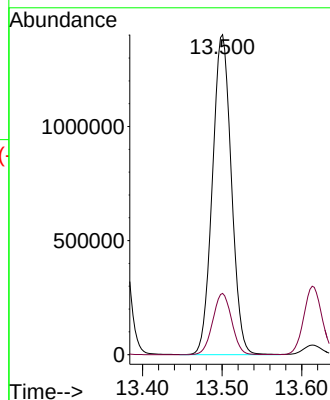
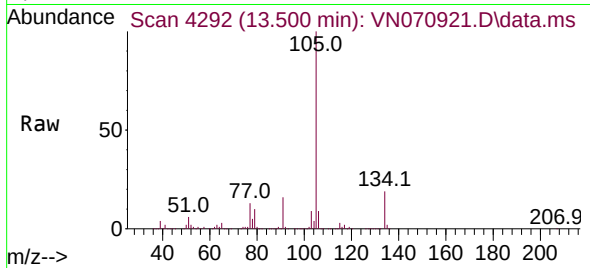
#85
 sec-Butylbenzene
 Concen: 57.490 ug/l
 RT: 13.500 min Scan# 4291
 Delta R.T. -0.001 min
 Lab File: VN070921.D
 Acq: 3 Feb 2022 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 232153
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

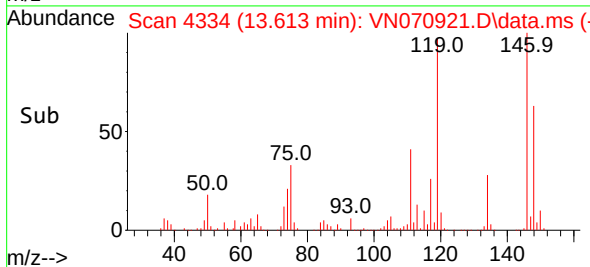
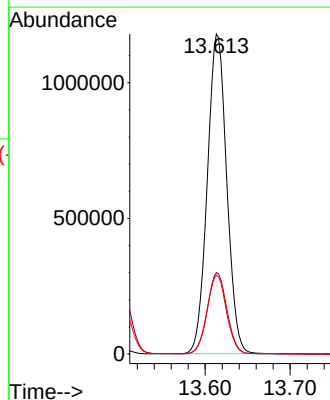
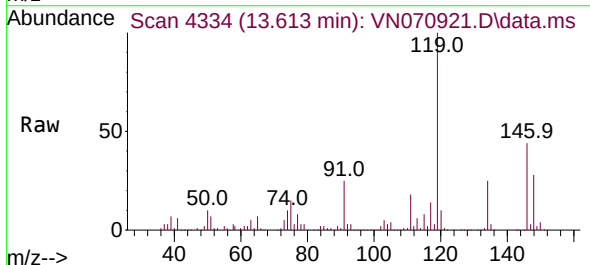
Manual Integrations
 APPROVED

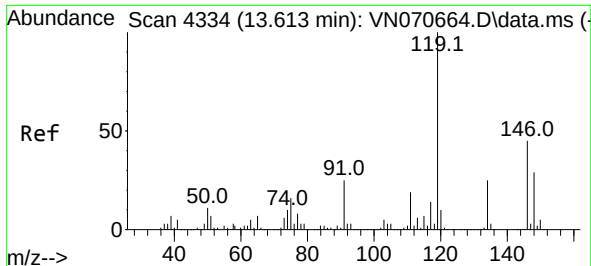
Reviewed By :John Carlone 02/07/2022
 Supervised By :Mahesh Dadoda 02/08/2022



#86
 p-Isopropyltoluene
 Concen: 58.714 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070921.D
 Acq: 3 Feb 2022 9:57

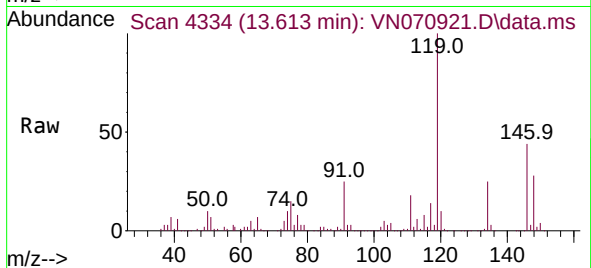
Tgt Ion:119 Resp: 1869714
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 55.781 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

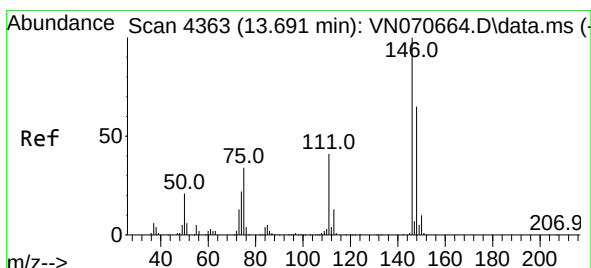
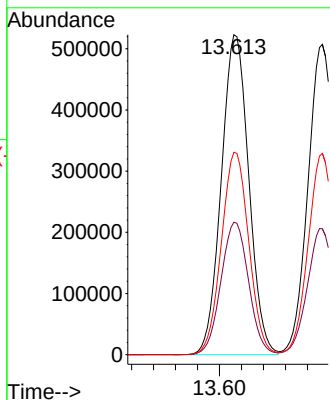
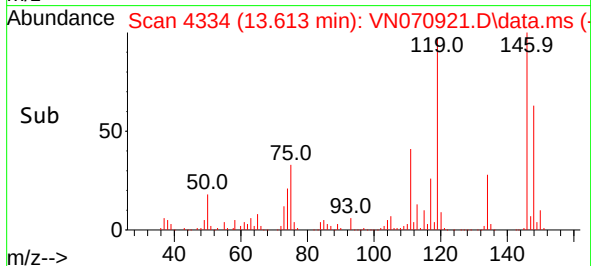
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



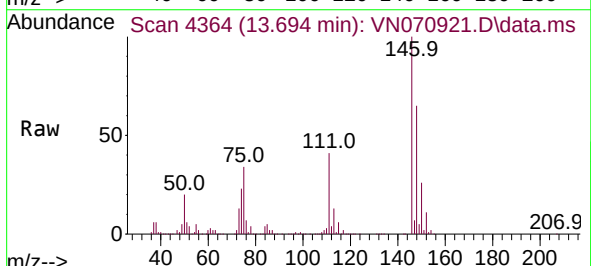
Tgt Ion:146 Resp: 908130
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.2 31.6 95.0

Manual Integrations
APPROVED

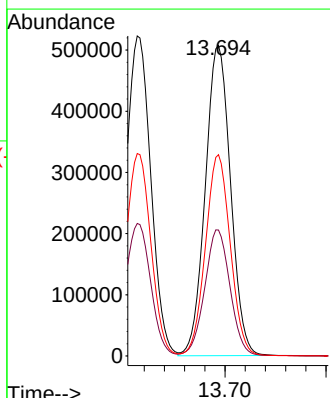
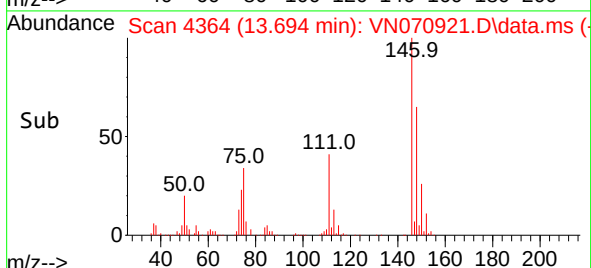
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

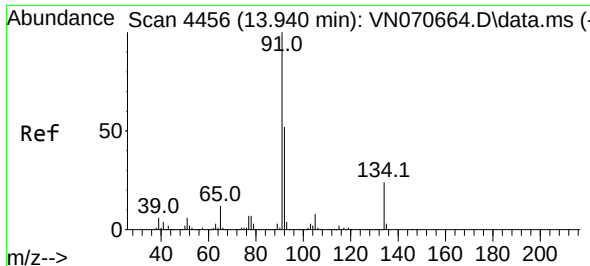


#88
1,4-Dichlorobenzene
Concen: 54.164 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



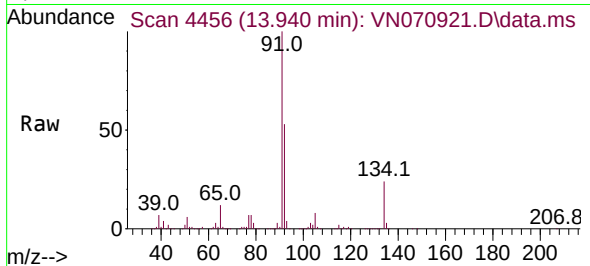
Tgt Ion:146 Resp: 882071
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 58.653 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.001 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

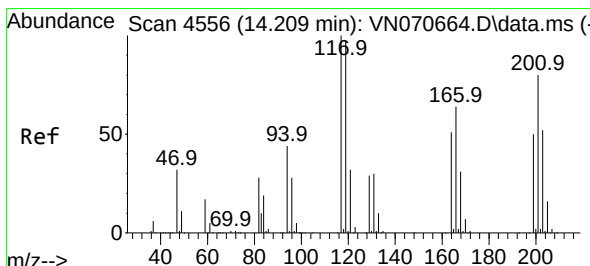
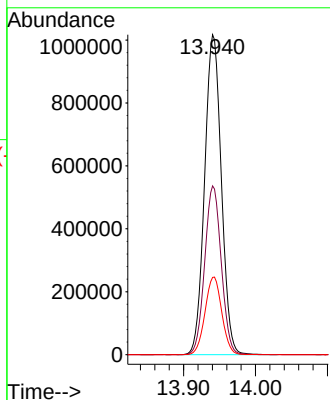
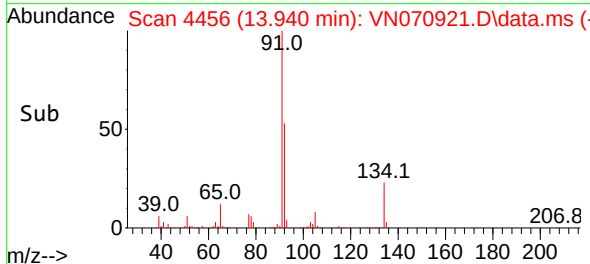
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 164600
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 24.4 13.6 40.8

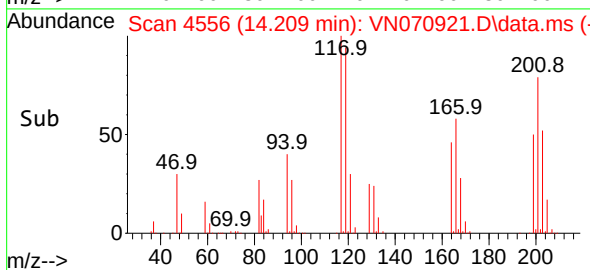
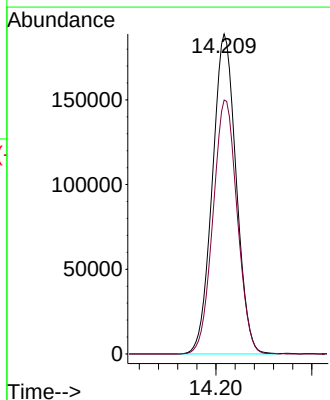
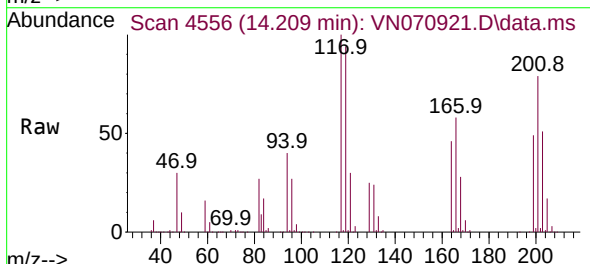
Manual Integrations
APPROVED

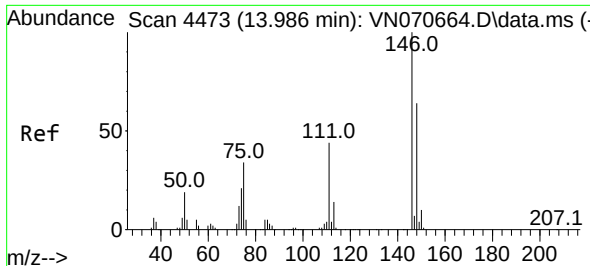
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#90
Hexachloroethane
Concen: 57.632 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

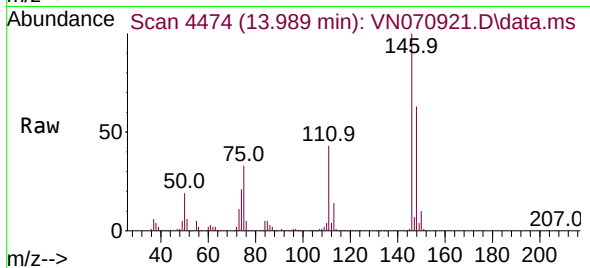
Tgt Ion:117 Resp: 325250
Ion Ratio Lower Upper
117 100
201 80.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 54.479 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

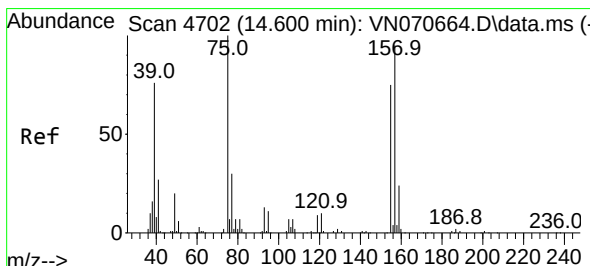
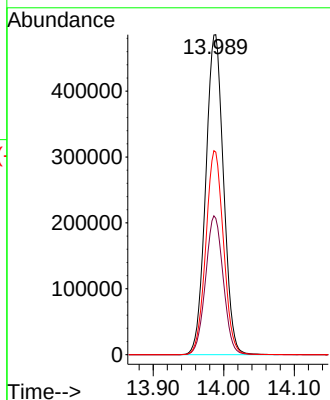
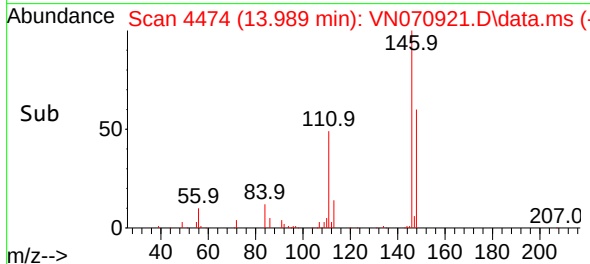
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 85088
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.3 32.1 96.3

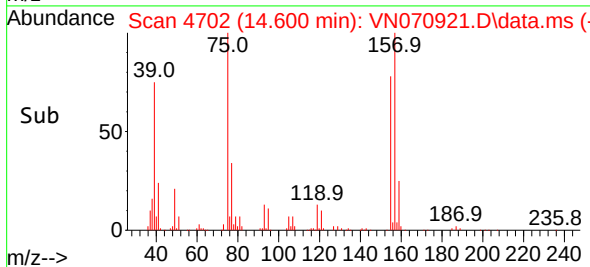
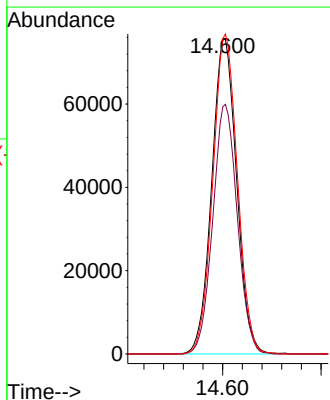
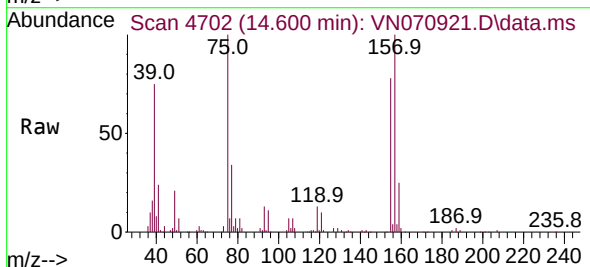
Manual Integrations
APPROVED

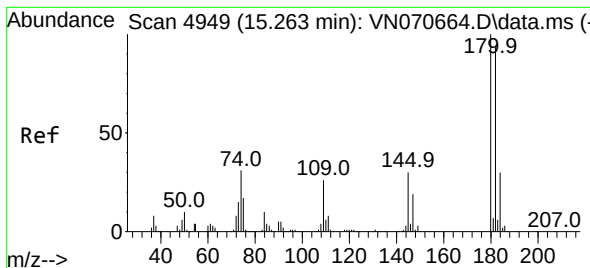
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.909 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

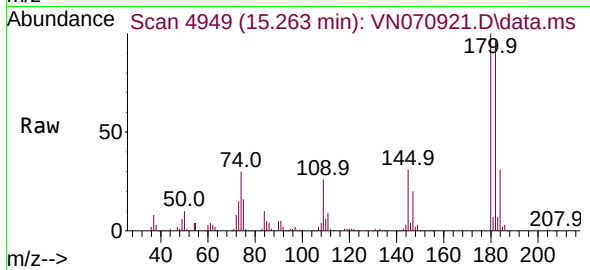
Tgt Ion: 75 Resp: 133018
Ion Ratio Lower Upper
75 100
155 78.1 46.9 140.7
157 100.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 53.221 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

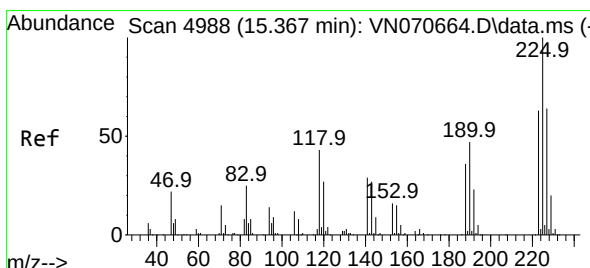
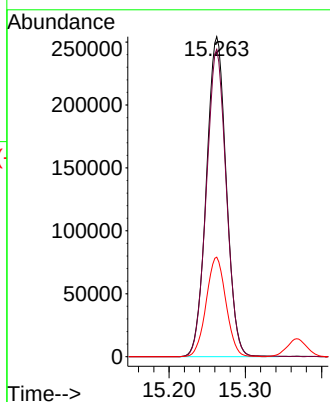
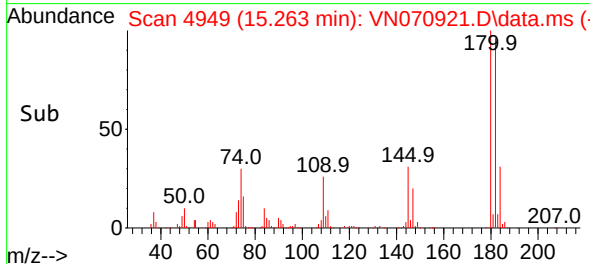
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



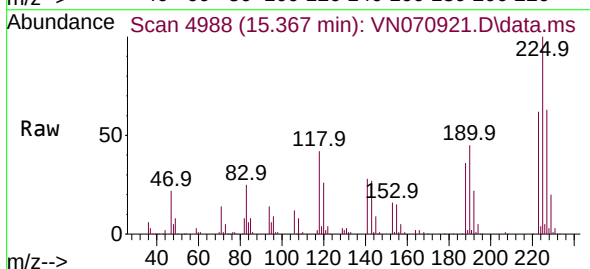
Tgt Ion:180 Resp: 459985
Ion Ratio Lower Upper
180 100
182 96.0 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

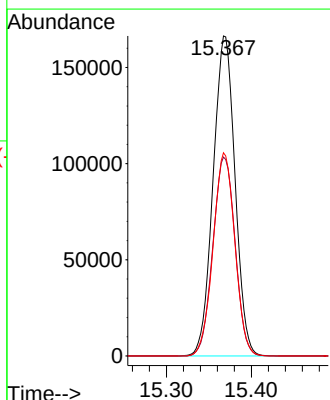
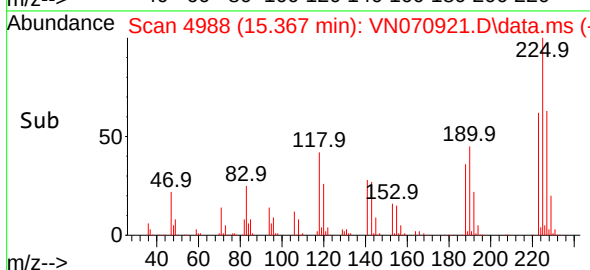
Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022

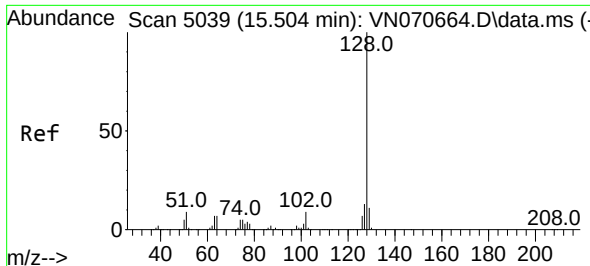


#94
Hexachlorobutadiene
Concen: 57.220 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



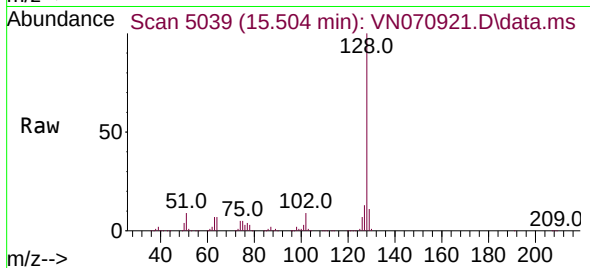
Tgt Ion:225 Resp: 298475
Ion Ratio Lower Upper
225 100
223 63.0 31.9 95.7
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 46.831 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57

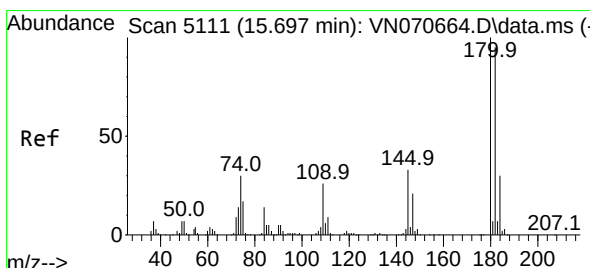
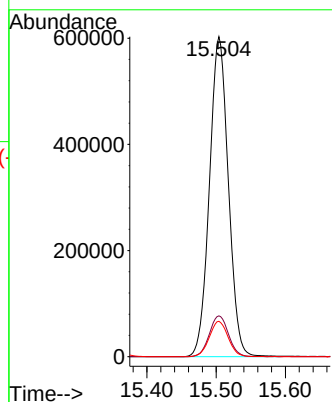
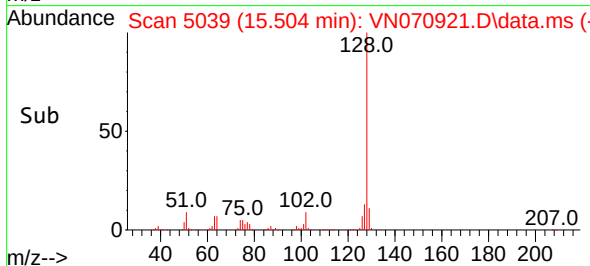
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



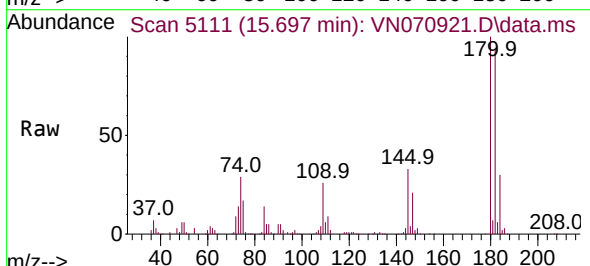
Tgt Ion:128 Resp: 1143159
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2022
Supervised By :Mahesh Dadoda 02/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.488 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070921.D
Acq: 3 Feb 2022 9:57



Tgt Ion:180 Resp: 433376
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.8 15.0 45.1

