

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071363.D
 Acq On : 18 Mar 2022 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 16:56:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	554406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	882010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	817885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	343176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	357100	46.997	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.000%		
35) Dibromofluoromethane	8.016	113	266056	47.802	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.600%		
50) Toluene-d8	10.433	98	1062342	47.406	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.727	95	381502	50.274	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	280217	46.118	ug/l	98
3) Chloromethane	2.299	50	381590	46.777	ug/l	98
4) Vinyl Chloride	2.440	62	356179	47.832	ug/l	100
5) Bromomethane	2.822	94	183829	56.003	ug/l	95
6) Chloroethane	2.999	64	226662	50.263	ug/l	99
7) Trichlorofluoromethane	3.363	101	491007	50.098	ug/l	98
8) Diethyl Ether	3.822	74	222877	53.141	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	294361	51.881	ug/l	95
10) Methyl Iodide	4.416	142	373599	46.620	ug/l	100
11) Tert butyl alcohol	5.363	59	410258	274.849	ug/l	99
12) 1,1-Dichloroethene	4.175	96	277874	49.995	ug/l	98
13) Acrolein	4.040	56	359980	227.848	ug/l	100
14) Allyl chloride	4.834	41	607845	50.282	ug/l	87
15) Acrylonitrile	5.545	53	1173371	264.738	ug/l	99
16) Acetone	4.281	43	997120	269.702	ug/l	98
17) Carbon Disulfide	4.528	76	690375	43.630	ug/l	98
18) Methyl Acetate	4.845	43	560745	56.414	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1145990	54.916	ug/l	95
20) Methylene Chloride	5.093	84	352190	52.105	ug/l	90
21) trans-1,2-Dichloroethene	5.592	96	298470	49.094	ug/l	90
22) Diisopropyl ether	6.492	45	1277393	53.636	ug/l	91
23) Vinyl Acetate	6.428	43	5603743	277.934	ug/l	97
24) 1,1-Dichloroethane	6.381	63	649652	51.623	ug/l	99
25) 2-Butanone	7.328	43	1642280	275.753	ug/l	97
26) 2,2-Dichloropropane	7.316	77	531570	54.751	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	369863	51.260	ug/l	89
28) Bromochloromethane	7.651	49	284775	50.815	ug/l	84
29) Tetrahydrofuran	7.675	42	1092394	264.764	ug/l	91
30) Chloroform	7.816	83	628404	52.354	ug/l	99
31) Cyclohexane	8.092	56	580039	47.803	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	540514	52.866	ug/l	98
36) 1,1-Dichloropropene	8.216	75	463351	51.959	ug/l	97
37) Ethyl Acetate	7.404	43	634768	51.722	ug/l	98
38) Carbon Tetrachloride	8.204	117	461867	53.546	ug/l	98
39) Methylcyclohexane	9.457	83	568276	54.169	ug/l	94
40) Benzene	8.457	78	1428242	53.158	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	318574	53.042	ug/l	92
42) 1,2-Dichloroethane	8.528	62	512575	54.822	ug/l	99
43) Isopropyl Acetate	8.557	43	1003039	54.653	ug/l	97
44) Trichloroethene	9.210	130	336826	53.131	ug/l	96
45) 1,2-Dichloropropane	9.486	63	391648	54.301	ug/l	100
46) Dibromomethane	9.575	93	243179	54.779	ug/l	97
47) Bromodichloromethane	9.757	83	499986	55.732	ug/l	100
48) Methyl methacrylate	9.557	41	485246	57.053	ug/l #	84
49) 1,4-Dioxane	9.563	88	180489	1220.867	ug/l	86
51) 4-Methyl-2-Pentanone	10.327	43	3272563	287.321	ug/l	99
52) Toluene	10.504	92	898135	54.285	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	565982	57.231	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	614441	56.863	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	359083	54.163	ug/l	99
56) Ethyl methacrylate	10.757	69	636040	58.747	ug/l	92
57) 1,3-Dichloropropane	11.039	76	652250	54.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	1100324	457.683	ug/l	94
59) 2-Hexanone	11.080	43	2393005	307.922	ug/l	99
60) Dibromochloromethane	11.233	129	382402	58.052	ug/l	98
61) 1,2-Dibromoethane	11.339	107	366046	54.023	ug/l	100
64) Tetrachloroethene	10.974	164	293753	51.497	ug/l	99
65) Chlorobenzene	11.769	112	950768	54.130	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	362029	56.211	ug/l	99
67) Ethyl Benzene	11.839	91	1734291	55.843	ug/l	97
68) m/p-Xylenes	11.951	106	1304015	114.777	ug/l	98
69) o-Xylene	12.274	106	643755	56.527	ug/l	97
70) Styrene	12.292	104	1068182	60.593	ug/l	97
71) Bromoform	12.457	173	294778	60.269	ug/l #	100
73) Isopropylbenzene	12.574	105	1694580	51.224	ug/l	100
74) N-amyl acetate	12.386	43	725190	58.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	574787	58.926	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	456623m	55.192	ug/l	
77) Bromobenzene	12.857	156	393657	51.030	ug/l	81
78) n-propylbenzene	12.916	91	1913754	53.910	ug/l	97
79) 2-Chlorotoluene	13.004	91	1161651	50.977	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1354741	52.637	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	186099	58.621	ug/l	91
82) 4-Chlorotoluene	13.098	91	1107589	54.567	ug/l	93
83) tert-Butylbenzene	13.321	119	1219386	53.089	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1339667	54.342	ug/l	99
85) sec-Butylbenzene	13.498	105	1676820	54.925	ug/l	99
86) p-Isopropyltoluene	13.610	119	1358883	56.598	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	665975	53.133	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	636424	51.944	ug/l	98
89) n-Butylbenzene	13.939	91	1080571	57.542	ug/l	97
90) Hexachloroethane	14.204	117	254843	53.375	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	642990	53.358	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	107393	55.794	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	315759	55.776	ug/l	98
94) Hexachlorobutadiene	15.362	225	176599	52.203	ug/l	100
95) Naphthalene	15.504	128	971234	60.547	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	314662	57.944	ug/l	98

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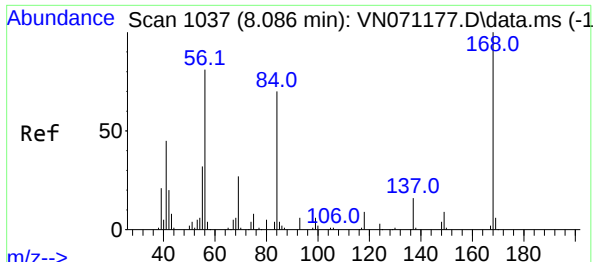
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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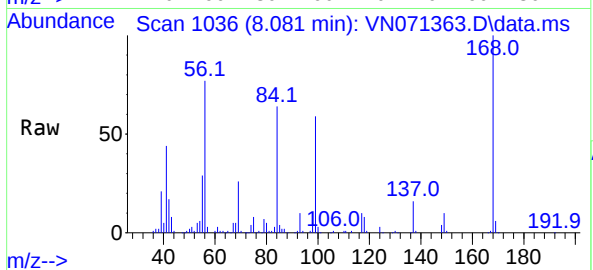
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

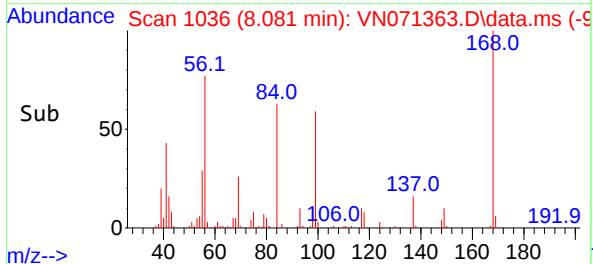
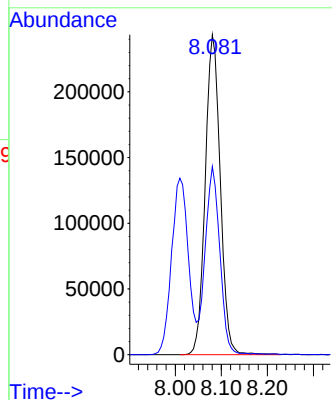
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 554400
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9

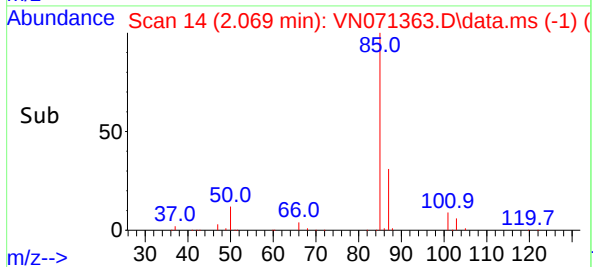
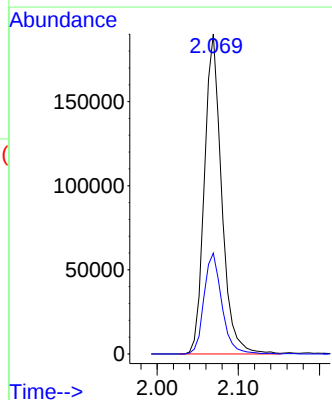
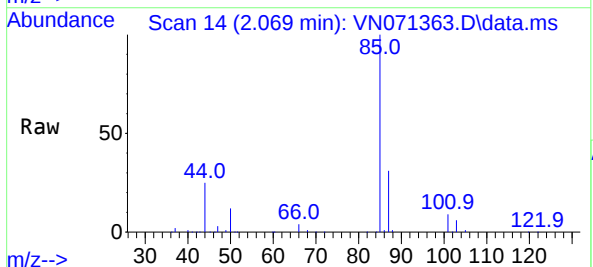
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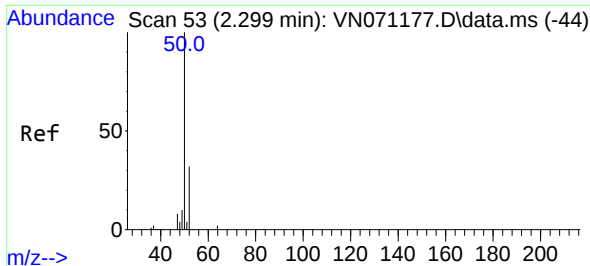
Reviewed By :John Carlone 03/19/2022
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#2
Dichlorodifluoromethane
Concen: 46.118 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

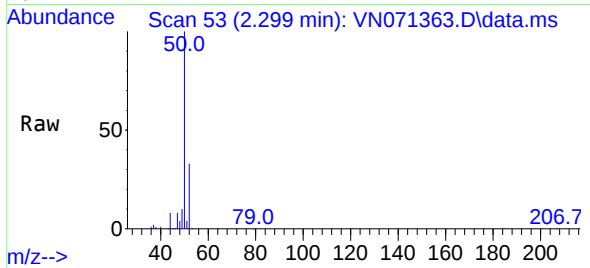
Tgt Ion: 85 Resp: 280217
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 46.777 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

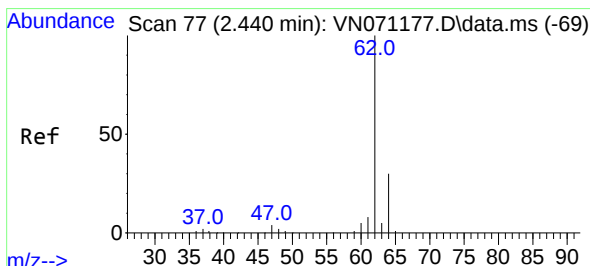
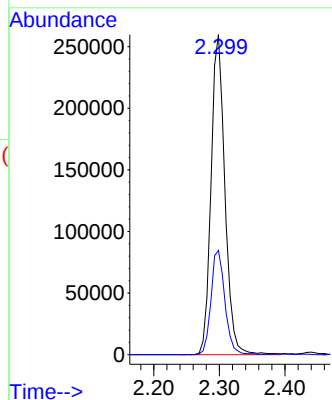
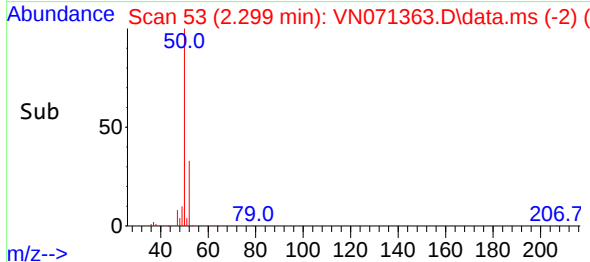
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Tgt Ion: 50 Resp: 381590
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

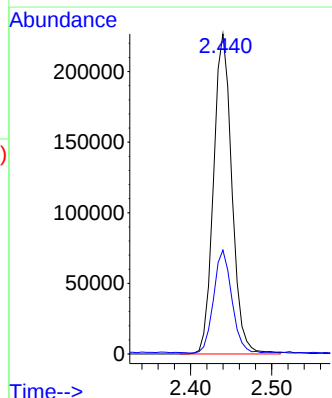
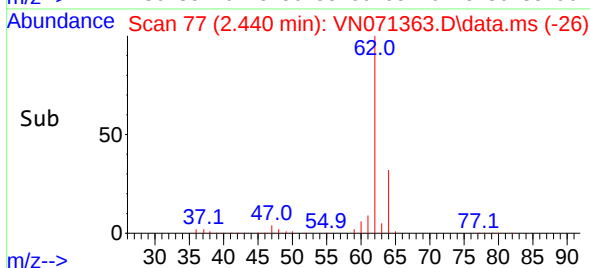
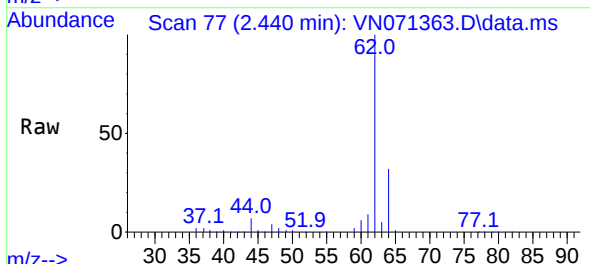
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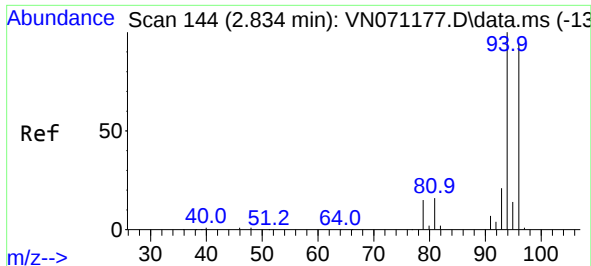
Reviewed By :John Carlone 03/19/2022
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#4
Vinyl Chloride
Concen: 47.832 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

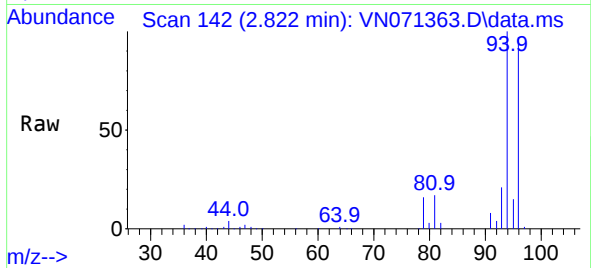
Tgt Ion: 62 Resp: 356179
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 56.003 ug/l
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

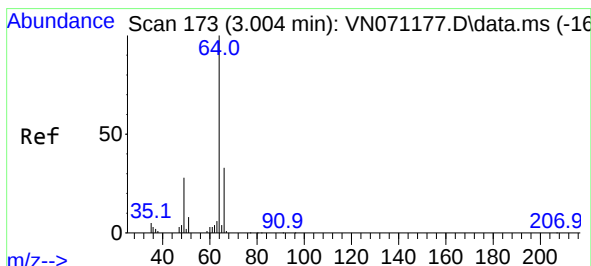
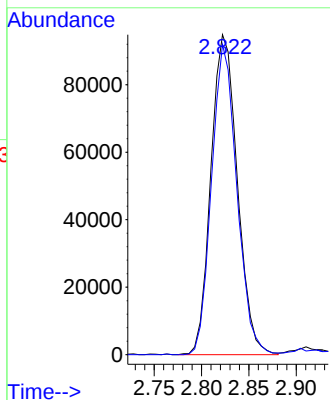
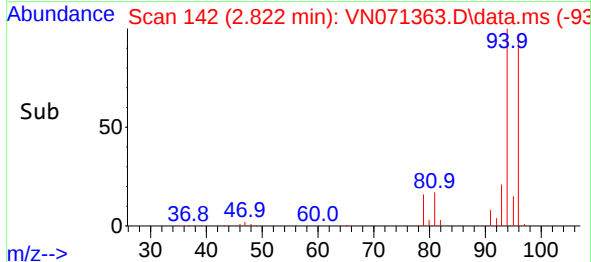
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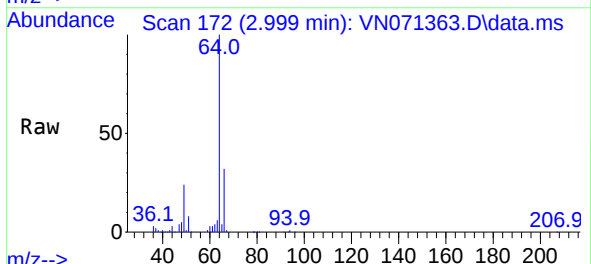
Tgt Ion: 94 Resp: 183829
Ion Ratio Lower Upper
94 100
96 97.0 73.8 110.8

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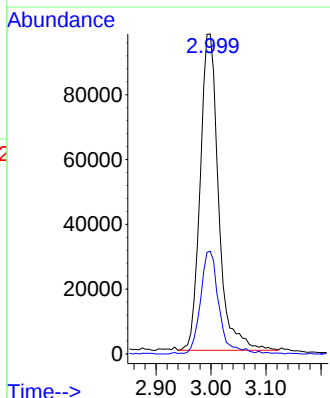
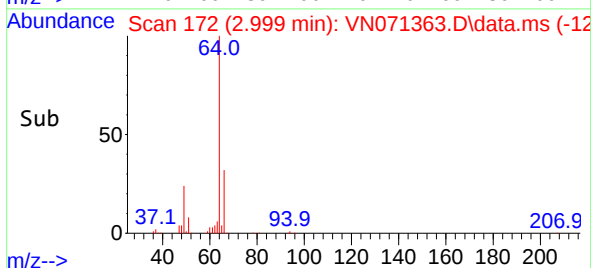
Reviewed By :John Carlone 03/19/2022
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#6
Chloroethane
Concen: 50.263 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.005 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion: 64 Resp: 226662
Ion Ratio Lower Upper
64 100
66 32.3 26.3 39.5





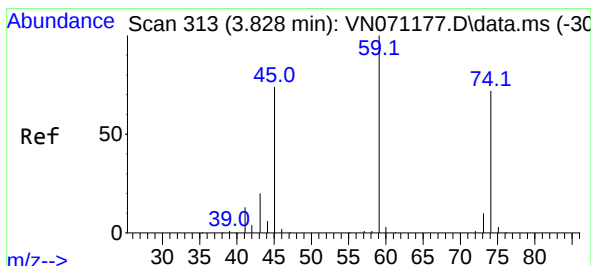
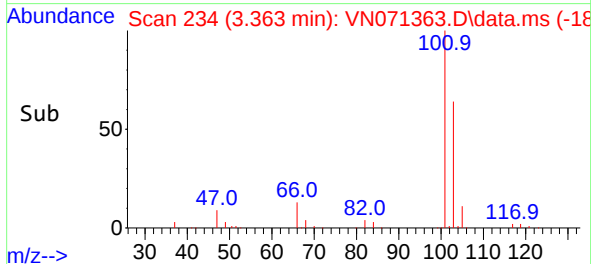
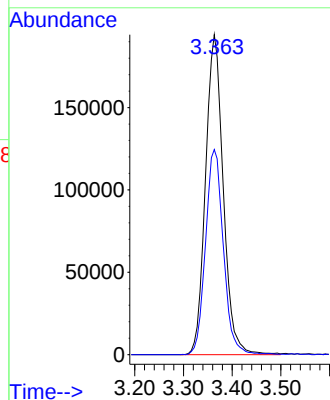
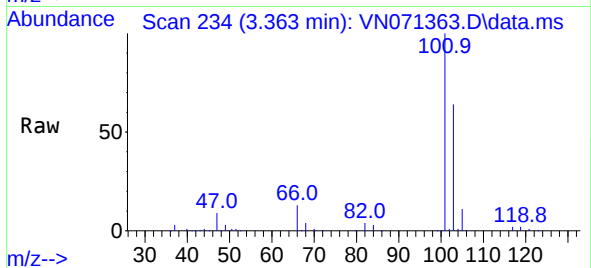
#7
Trichlorofluoromethane
Concen: 50.098 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 49100
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

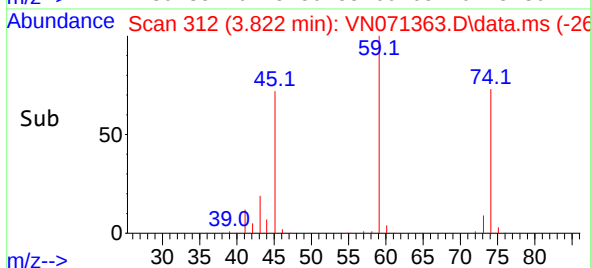
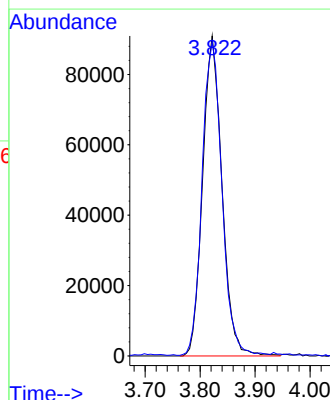
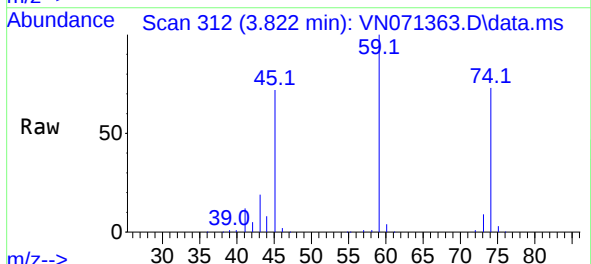
Manual Integrations
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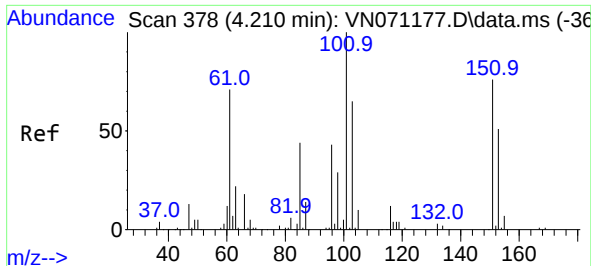
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#8
Diethyl Ether
Concen: 53.141 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

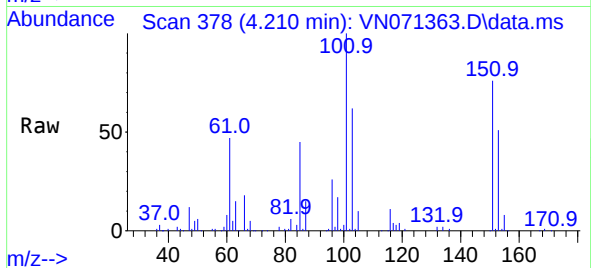
Tgt Ion: 74 Resp: 222877
Ion Ratio Lower Upper
74 100
45 100.2 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.881 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

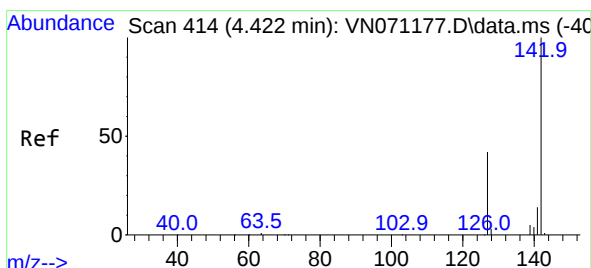
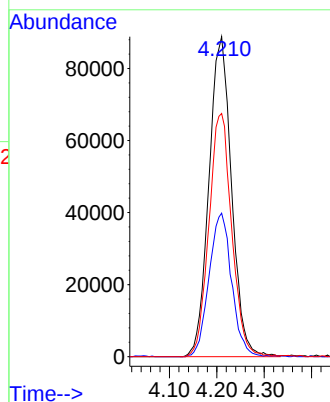
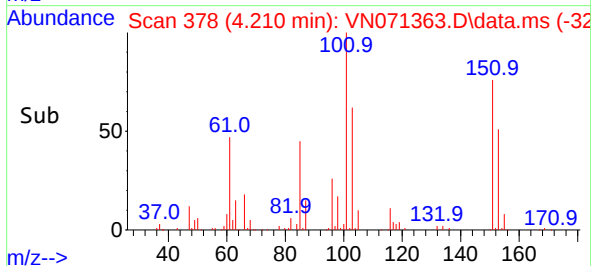
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ClientSampleId :
VSTDCCC050



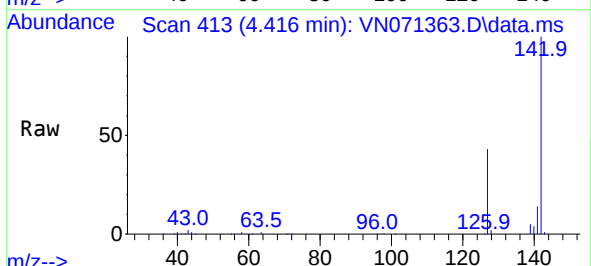
Tgt Ion:101 Resp: 29436
Ion Ratio Lower Upper
101 100
85 44.6 37.2 55.8
151 76.8 65.9 98.9

Manual Integrations
APPROVED

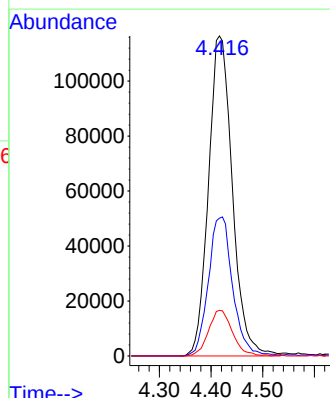
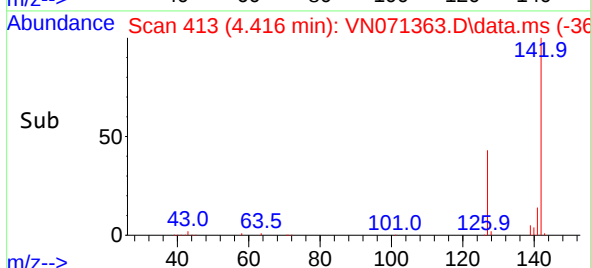
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

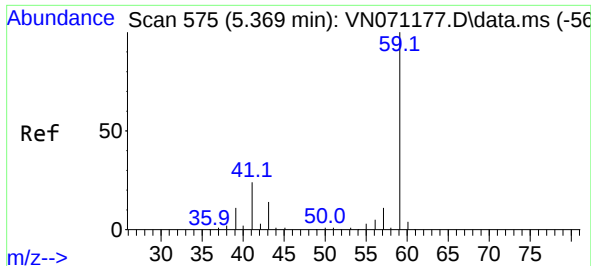


#10
Methyl Iodide
Concen: 46.620 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion:142 Resp: 373599
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.0
141 14.3 11.6 17.4





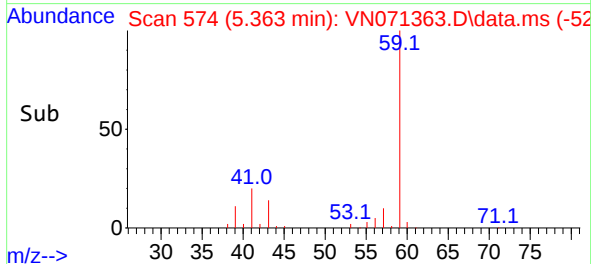
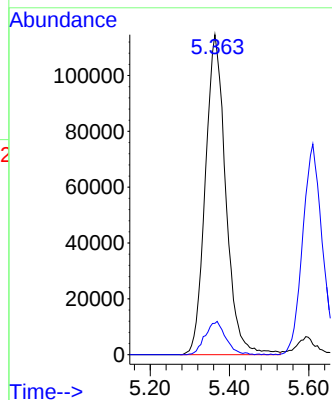
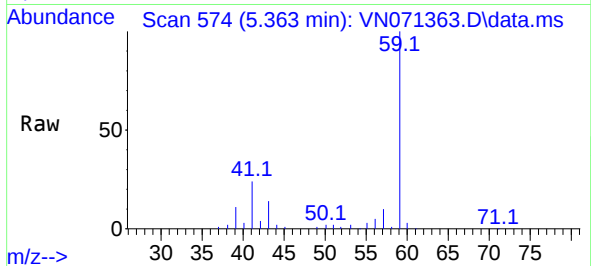
#11
Tert butyl alcohol
Concen: 274.849 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 410258
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

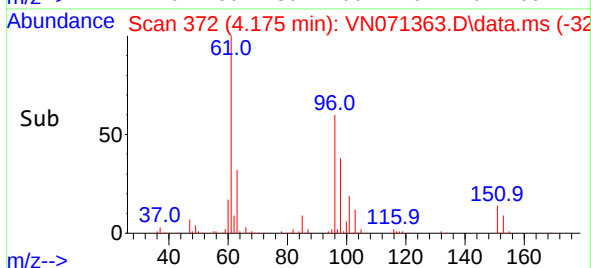
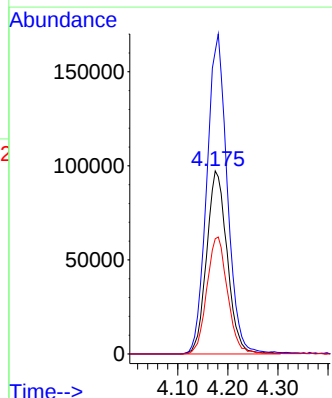
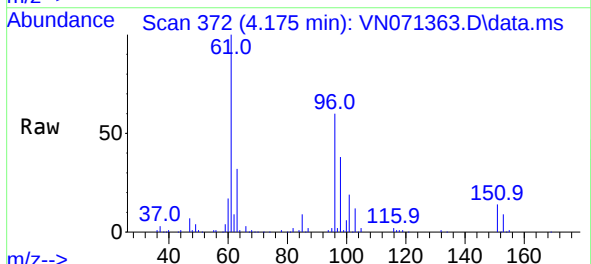
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1-Dichloroethene
Concen: 49.995 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

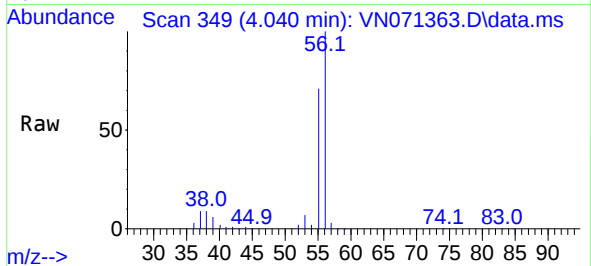
Tgt Ion: 96 Resp: 277874
Ion Ratio Lower Upper
96 100
61 165.5 131.0 196.6
98 63.0 52.4 78.6





#13
Acrolein
Concen: 227.848 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

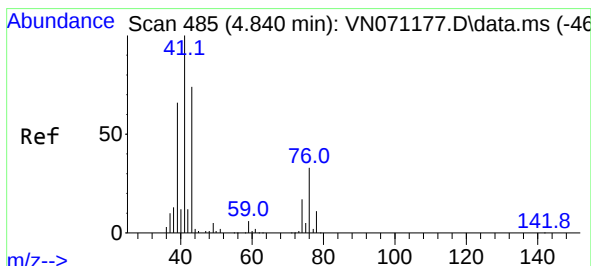
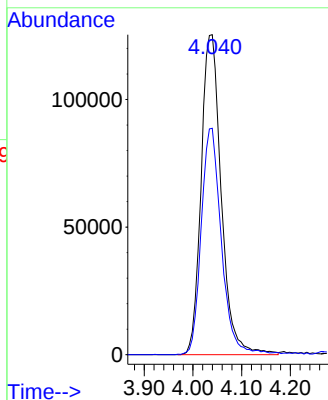
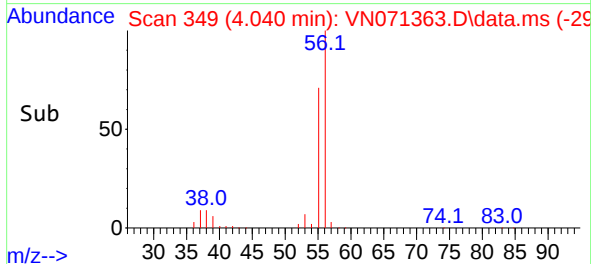
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 359980
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

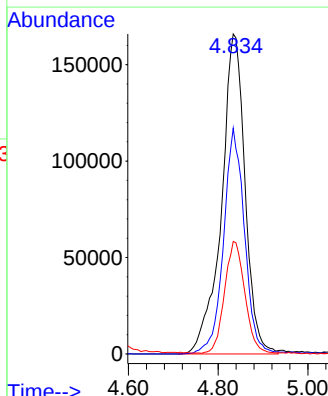
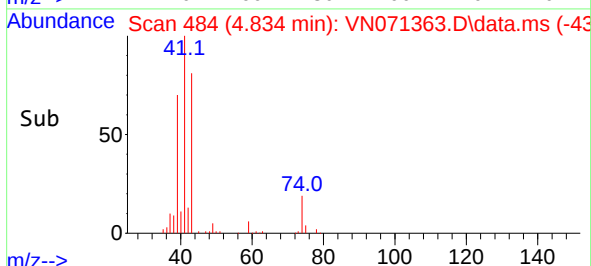
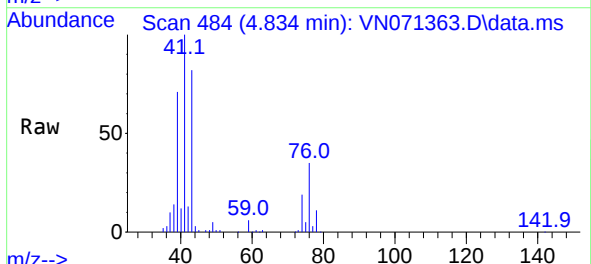
Manual Integrations
APPROVED

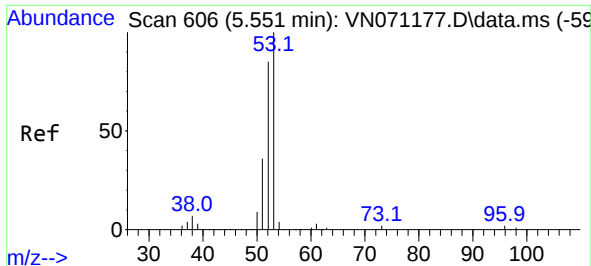
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#14
Allyl chloride
Concen: 50.282 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

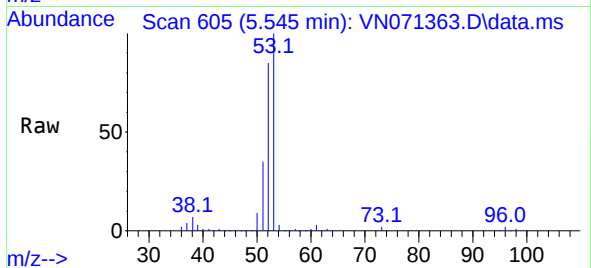
Tgt Ion: 41 Resp: 607845
Ion Ratio Lower Upper
41 100
39 62.6 61.2 91.8
76 29.9 26.0 39.0





#15
Acrylonitrile
Concen: 264.738 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

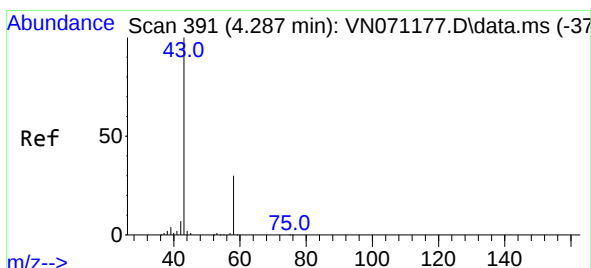
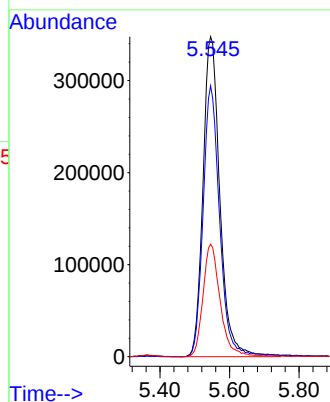
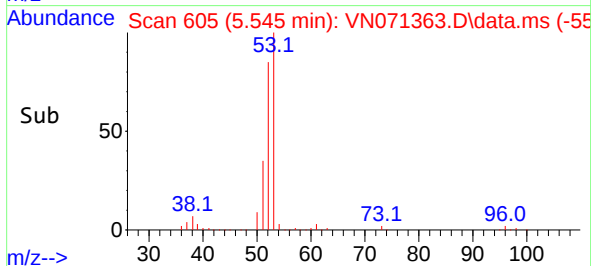
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 117337
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 35.7 29.6 44.4

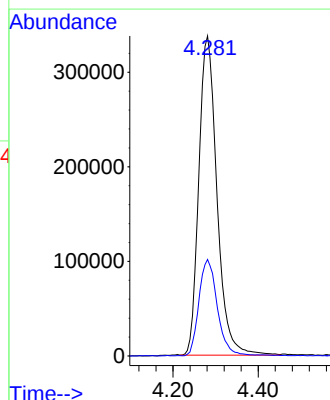
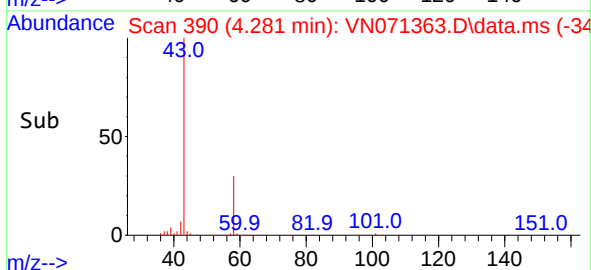
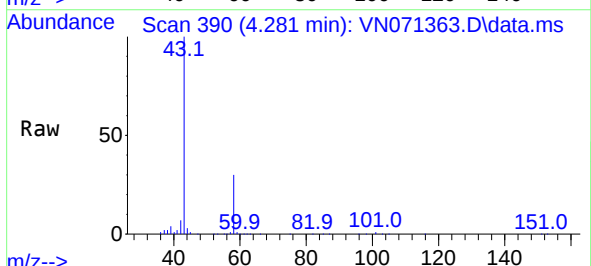
Manual Integrations
APPROVED

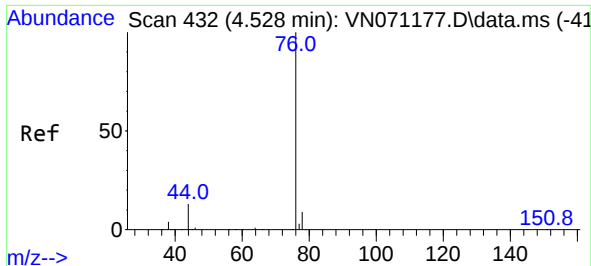
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#16
Acetone
Concen: 269.702 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

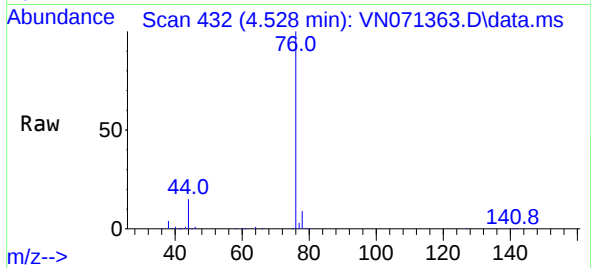
Tgt Ion: 43 Resp: 997120
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17
Carbon Disulfide
Concen: 43.630 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

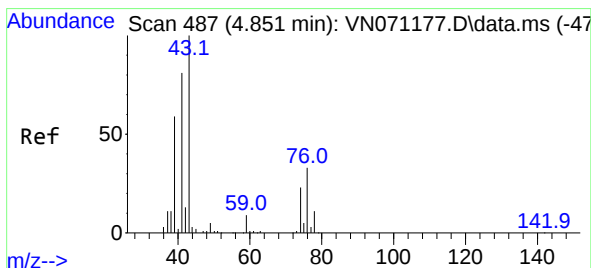
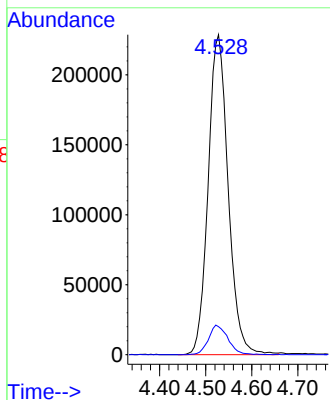
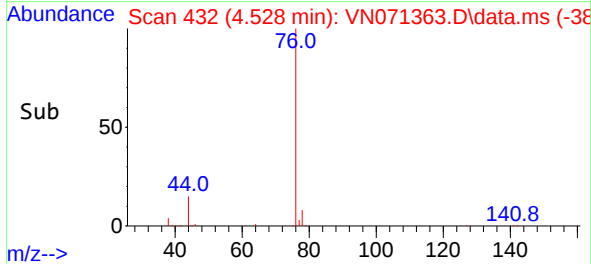
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



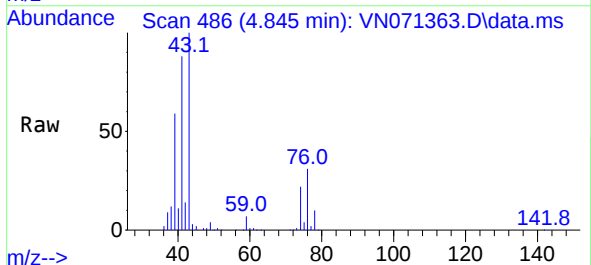
Tgt Ion: 76 Resp: 690375
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

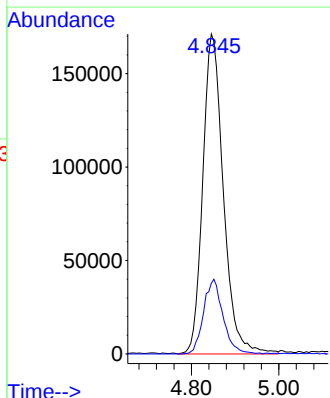
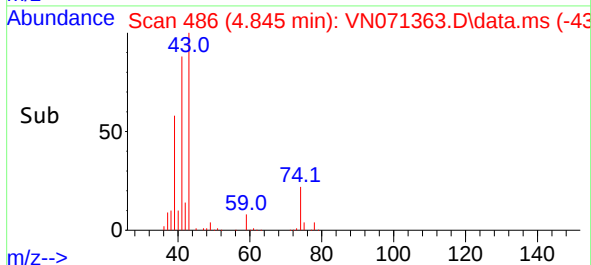
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

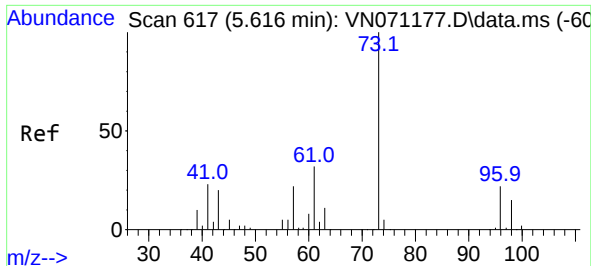


#18
Methyl Acetate
Concen: 56.414 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion: 43 Resp: 560745
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 54.916 ug/l

RT: 5.610 min Scan# 617

Delta R.T. -0.006 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1145990

Ion Ratio Lower Upper

73 100

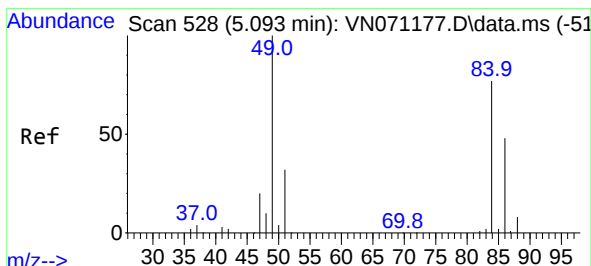
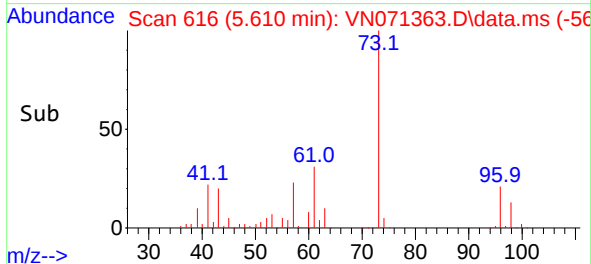
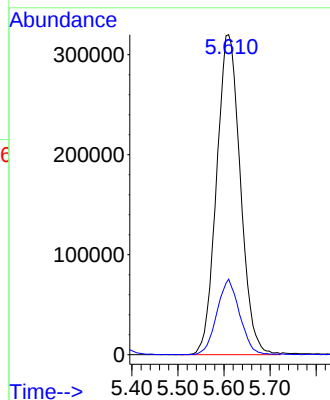
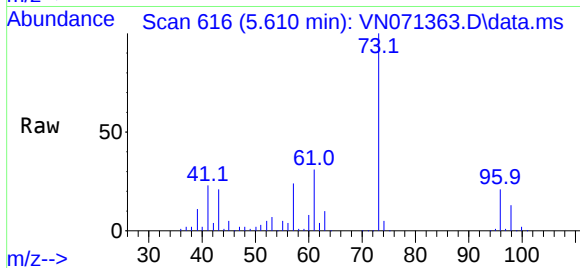
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#20

Methylene Chloride

Concen: 52.105 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Tgt Ion: 84 Resp: 352190

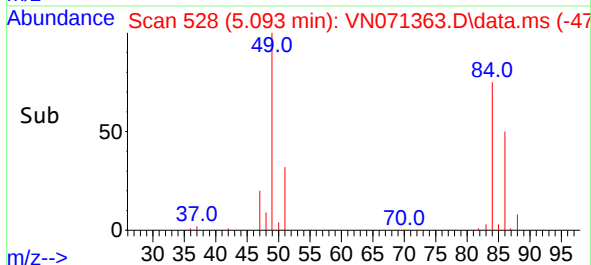
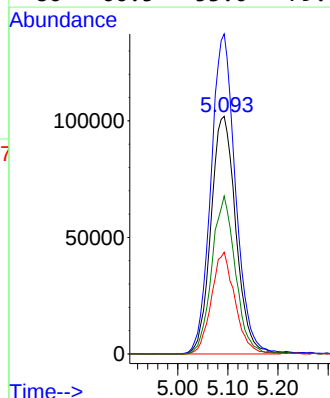
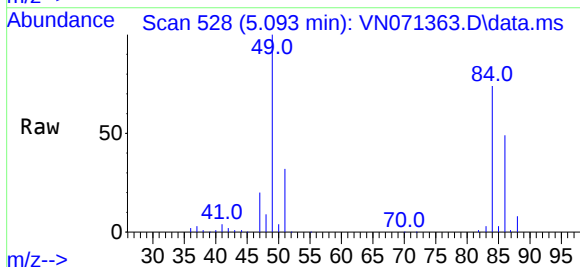
Ion Ratio Lower Upper

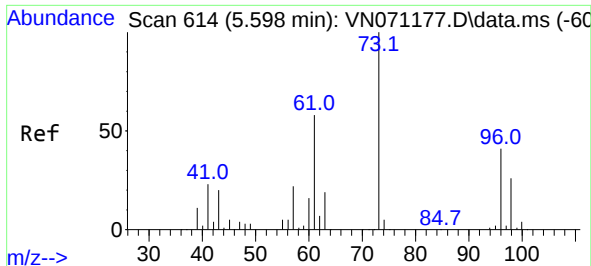
84 100

49 134.7 93.5 140.3

51 42.8 29.4 44.2

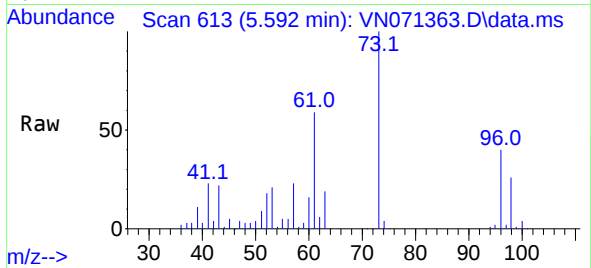
86 66.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.094 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

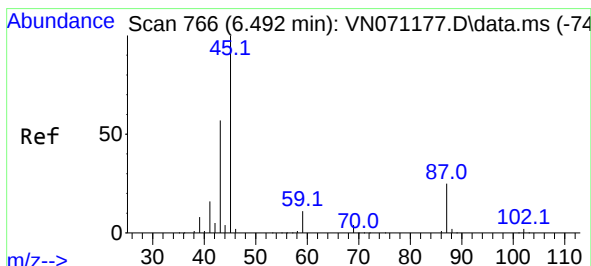
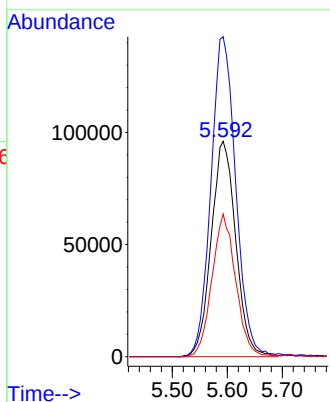
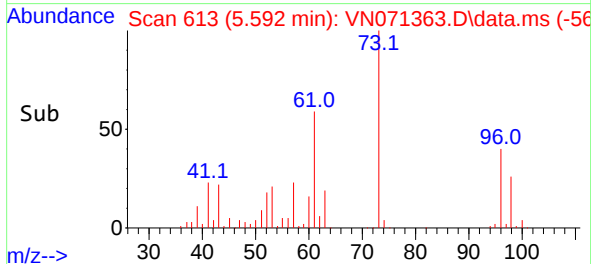
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



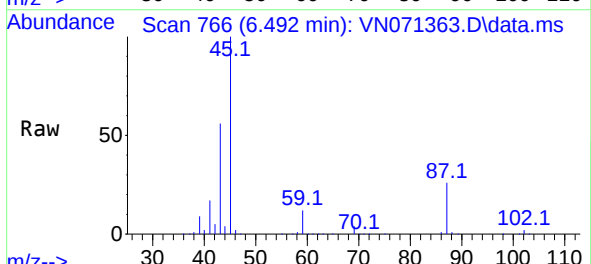
Tgt Ion: 96 Resp: 298470
Ion Ratio Lower Upper
96 100
61 148.6 105.8 158.6
98 66.3 52.0 78.0

Manual Integrations
APPROVED

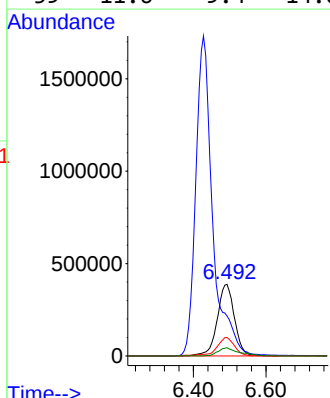
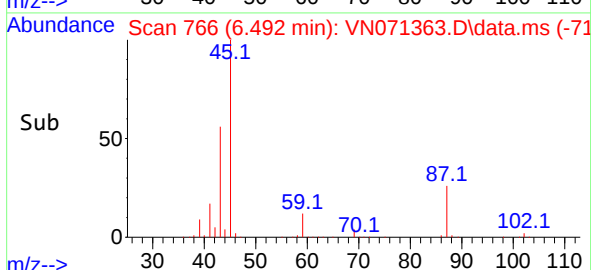
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

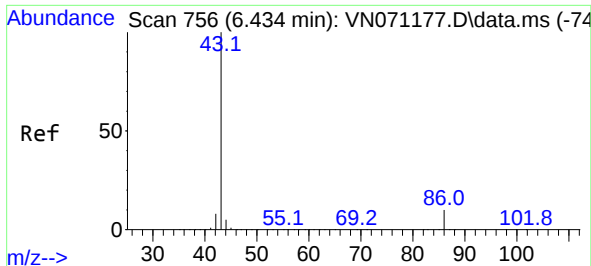


#22
Diisopropyl ether
Concen: 53.636 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion: 45 Resp: 1277393
Ion Ratio Lower Upper
45 100
43 55.4 51.7 77.5
87 25.9 23.2 34.8
59 11.6 9.4 14.0





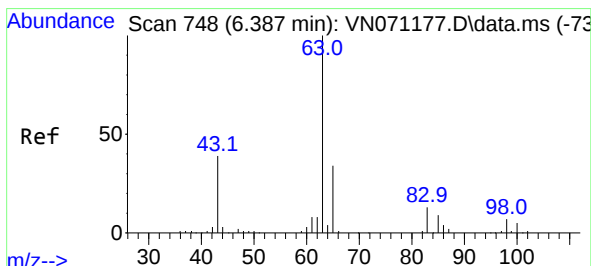
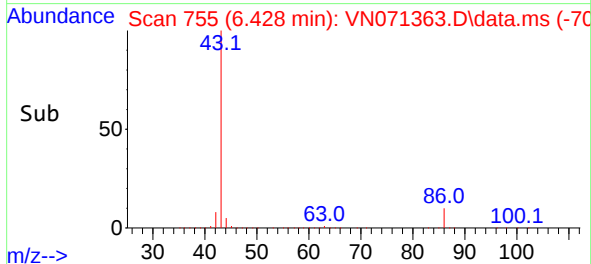
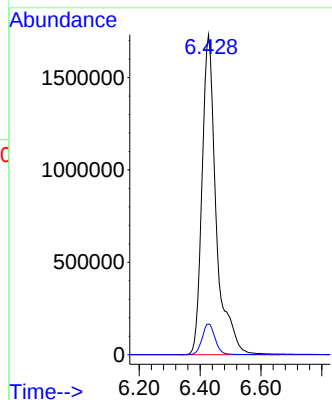
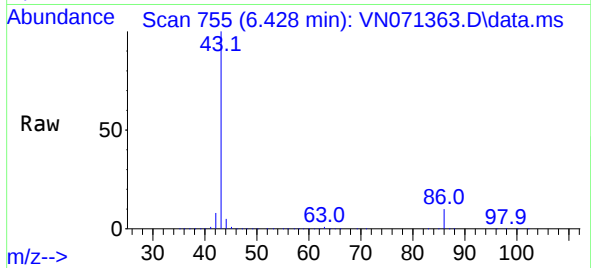
#23
 Vinyl Acetate
 Concen: 277.934 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071363.D
 Acq: 18 Mar 2022 11:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 560374
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

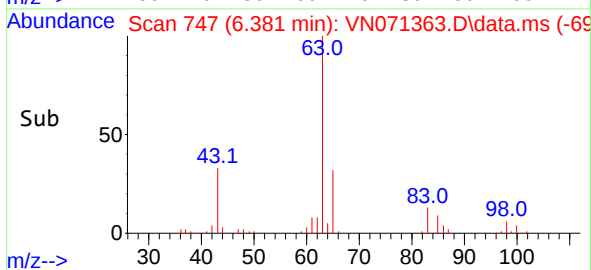
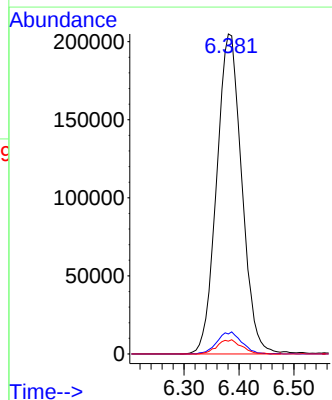
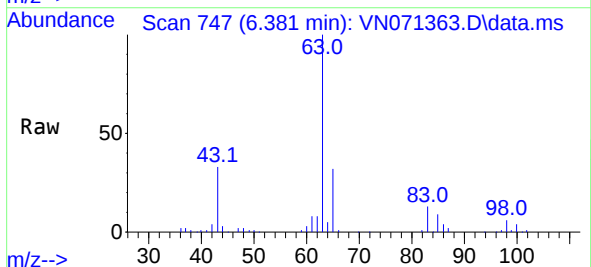
Manual Integrations
 APPROVED

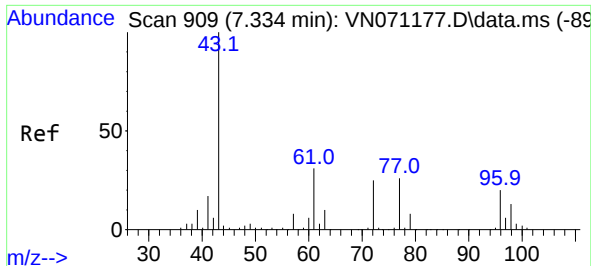
Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#24
 1,1-Dichloroethane
 Concen: 51.623 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071363.D
 Acq: 18 Mar 2022 11:00

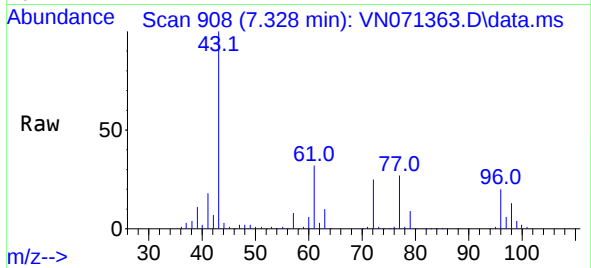
Tgt Ion: 63 Resp: 649652
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 275.753 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

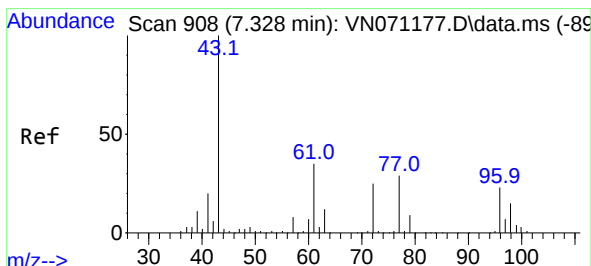
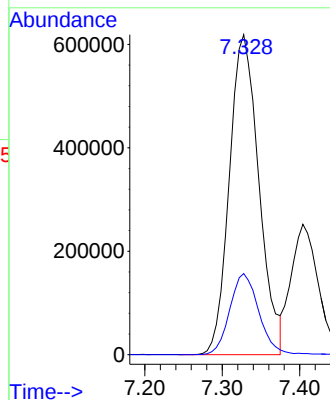
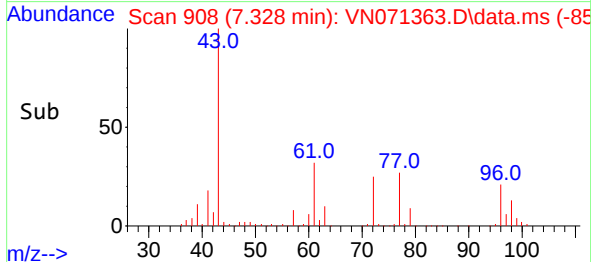
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



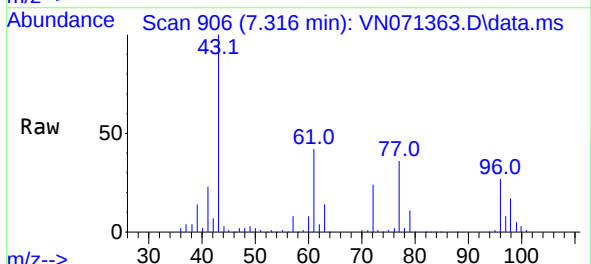
Tgt Ion: 43 Resp: 1642280
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

Manual Integrations
APPROVED

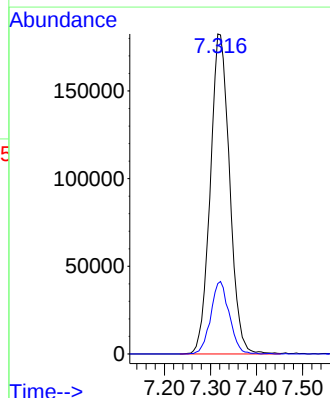
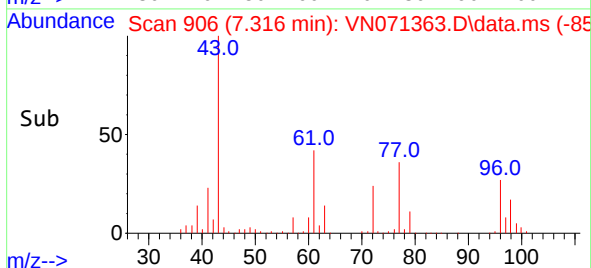
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

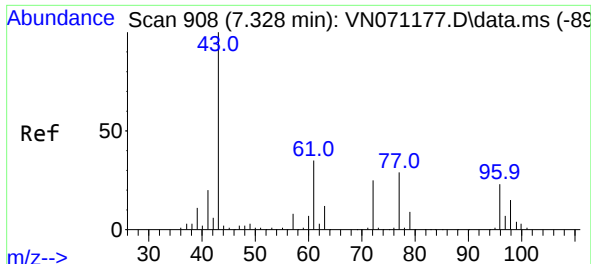


#26
2,2-Dichloropropane
Concen: 54.751 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



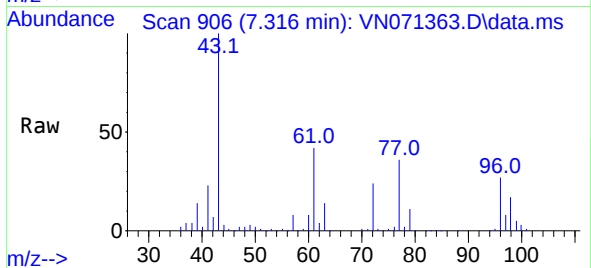
Tgt Ion: 77 Resp: 531570
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 51.260 ug/l
RT: 7.316 min Scan# 908
Delta R.T. -0.012 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

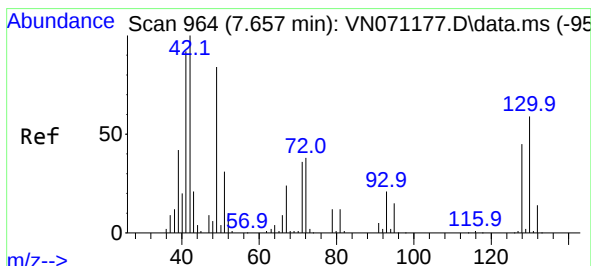
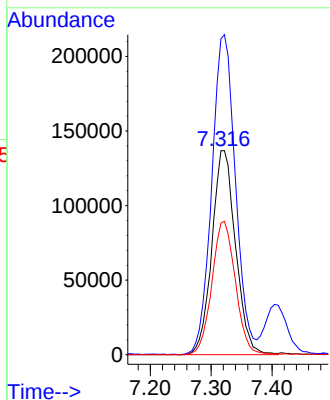
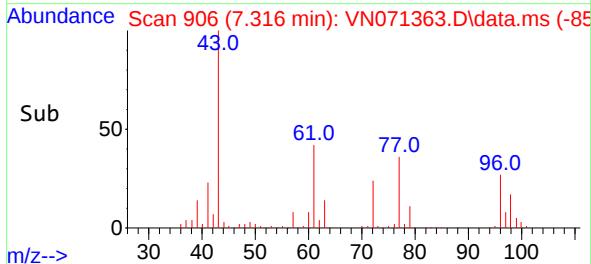
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 36986
Ion Ratio Lower Upper
96 100
61 157.3 0.0 275.0
98 64.9 0.0 129.6

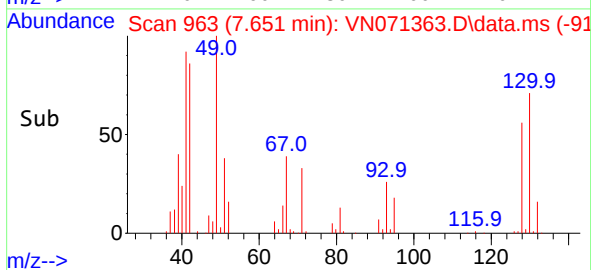
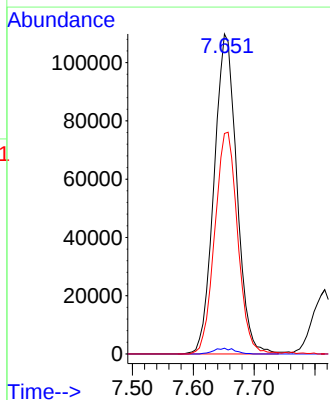
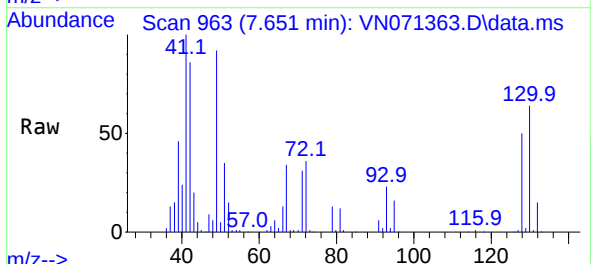
Manual Integrations
APPROVED

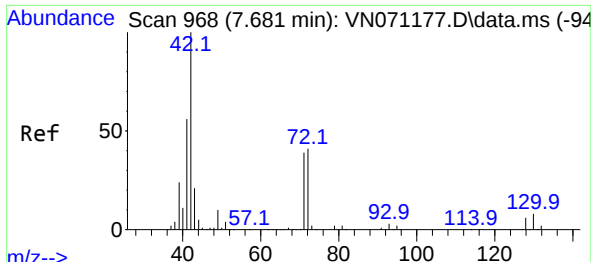
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#28
Bromochloromethane
Concen: 50.815 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Tgt Ion: 49 Resp: 284775
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 69.8 67.8 101.8





#29

Tetrahydrofuran

Concen: 264.764 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 1092394

Ion Ratio Lower Upper

42 100

72 40.0 36.3 54.5

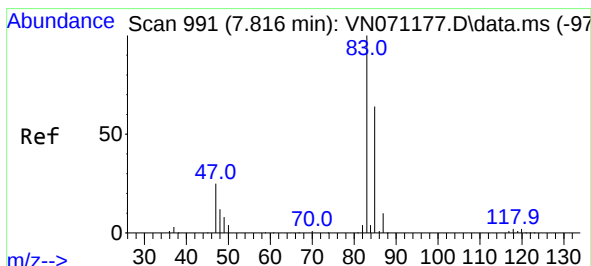
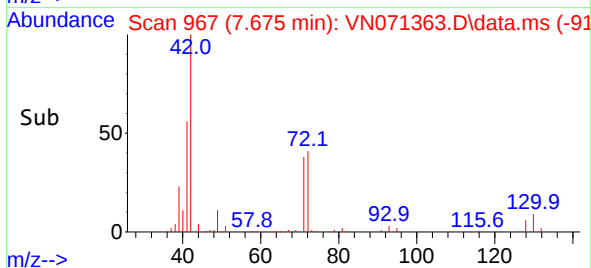
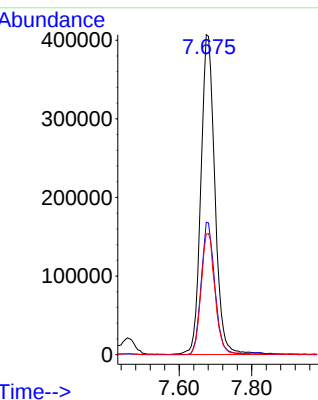
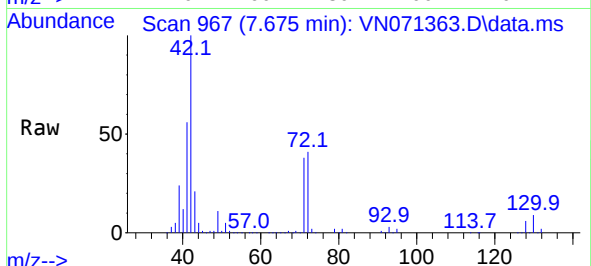
71 37.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#30

Chloroform

Concen: 52.354 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071363.D

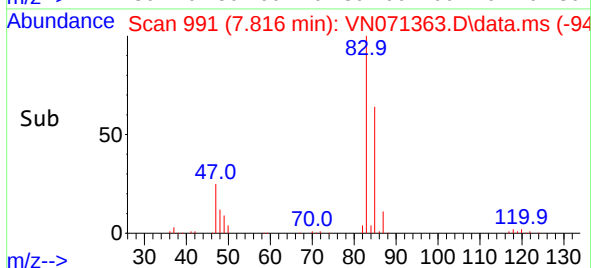
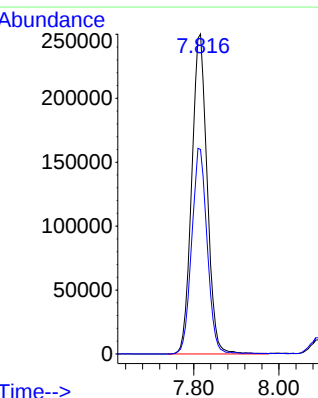
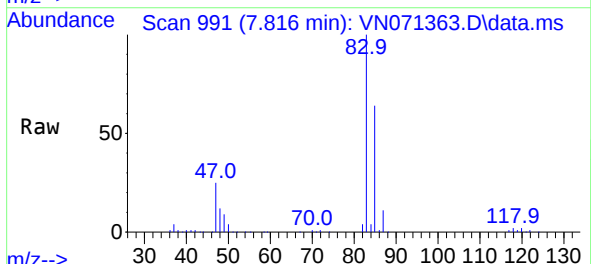
Acq: 18 Mar 2022 11:00

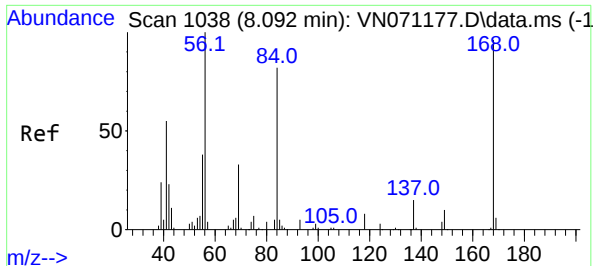
Tgt Ion: 83 Resp: 628404

Ion Ratio Lower Upper

83 100

85 63.9 51.9 77.9





#31

Cyclohexane

Concen: 47.803 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 580039

Ion Ratio Lower Upper

56 100

69 31.5 27.1 40.7

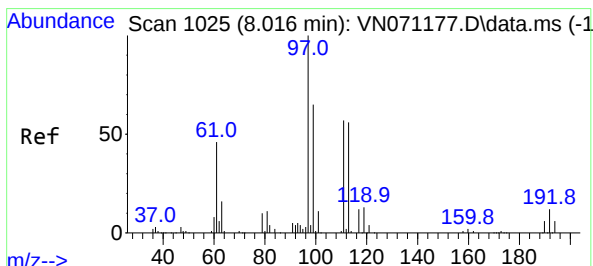
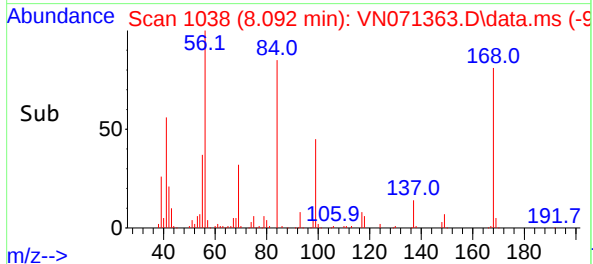
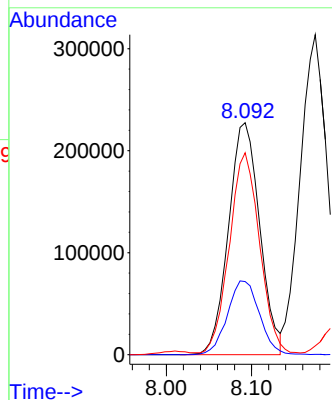
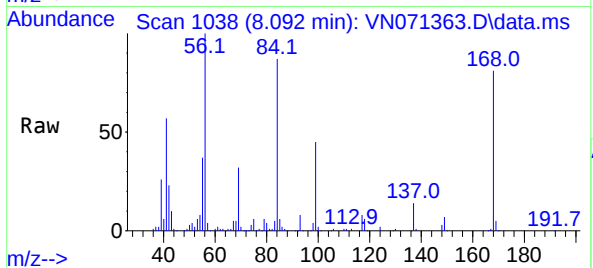
84 85.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#32

1,1,1-Trichloroethane

Concen: 52.866 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

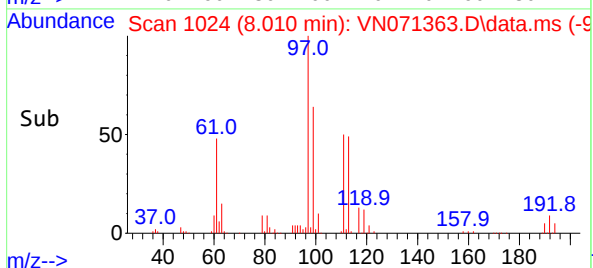
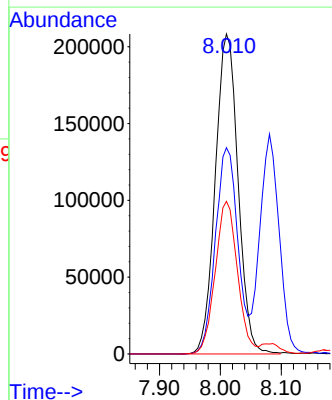
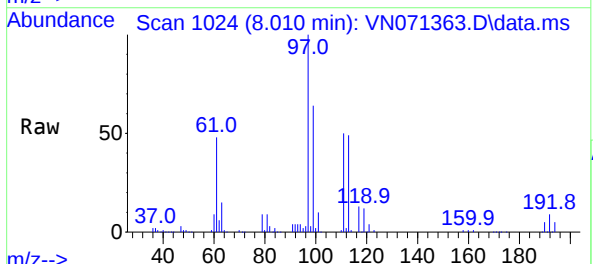
Tgt Ion: 97 Resp: 540514

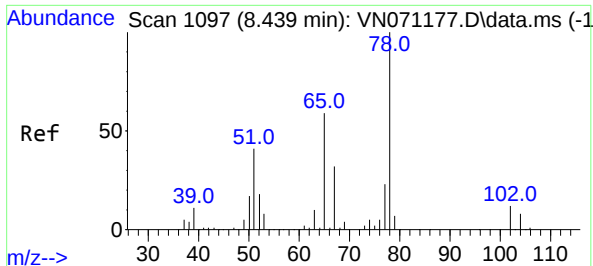
Ion Ratio Lower Upper

97 100

99 63.3 50.1 75.1

61 46.9 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 46.997 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

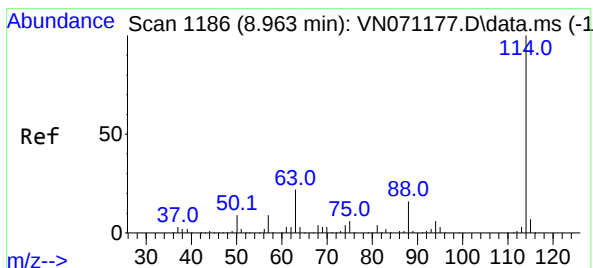
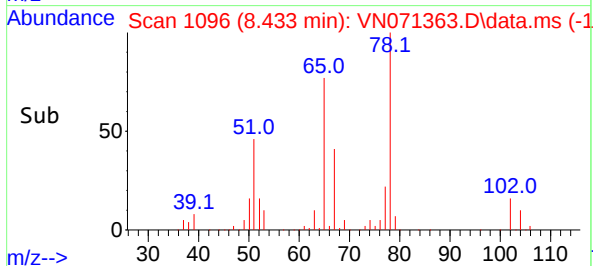
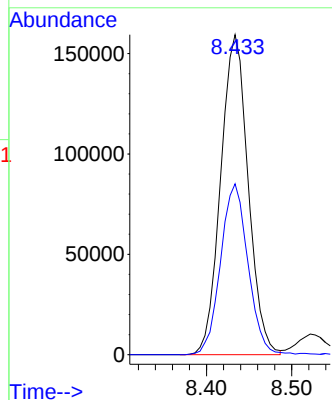
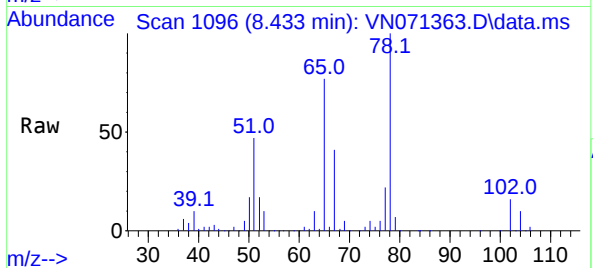
Tgt Ion: 65 Resp: 357100
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0

Manual Integrations

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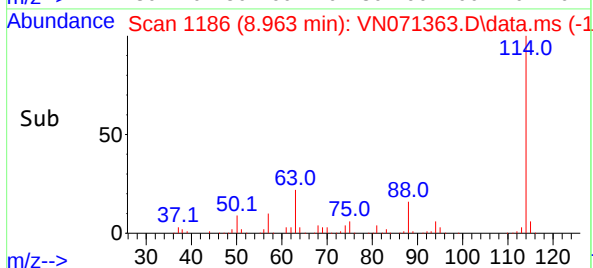
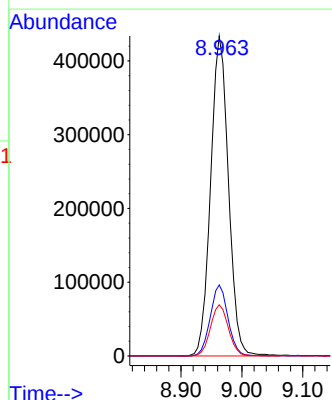
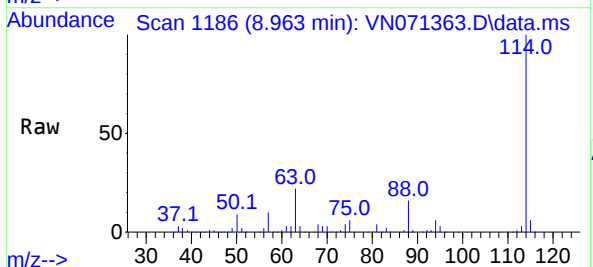
Reviewed By :John Carlone 03/19/2022

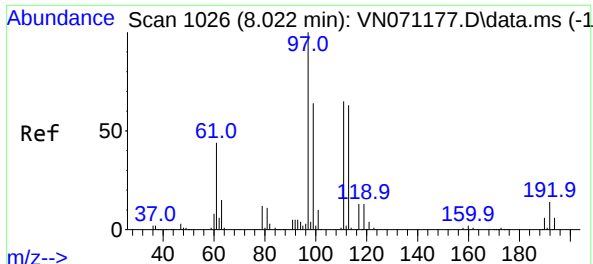
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

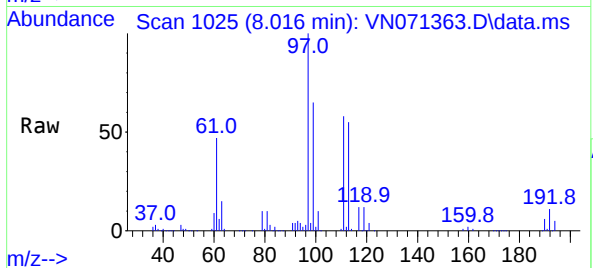
Tgt Ion:114 Resp: 882010
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.8
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.802 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

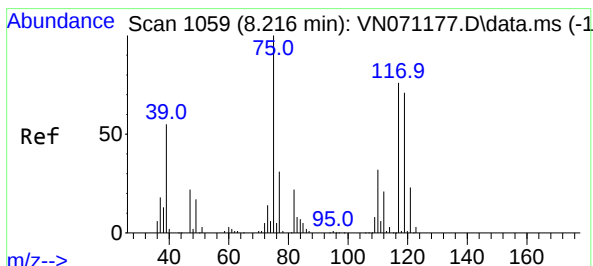
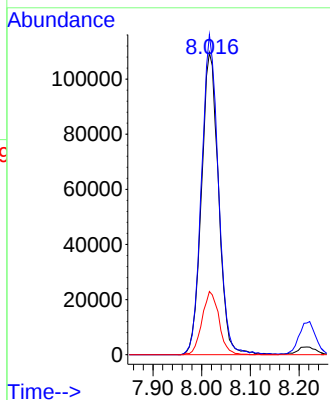
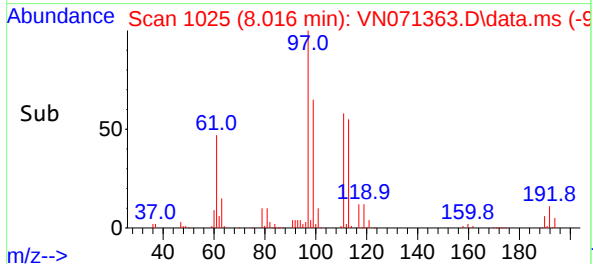
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



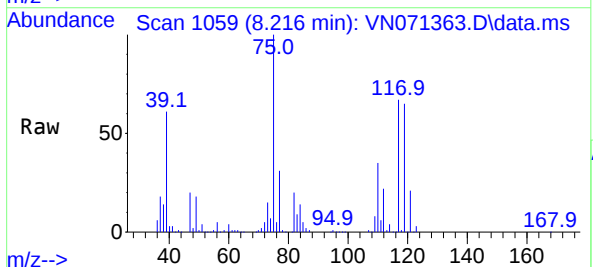
Tgt Ion:113 Resp: 266050
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 20.8 16.9 25.3

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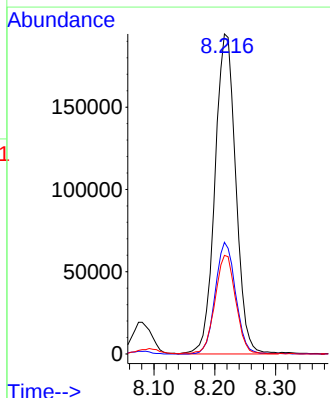
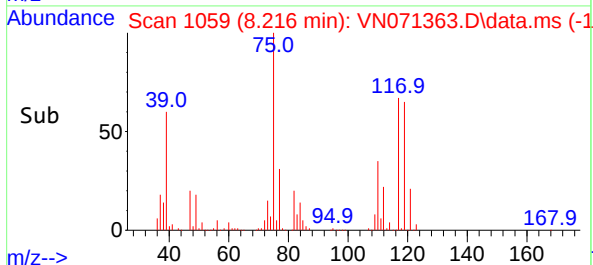
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

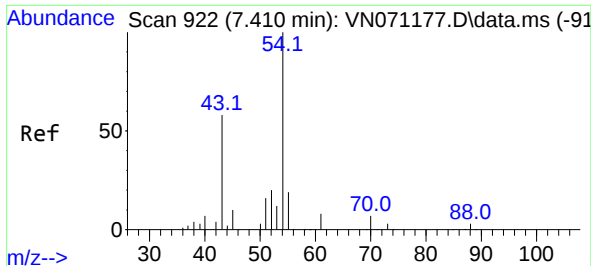


#36
1,1-Dichloropropene
Concen: 51.959 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



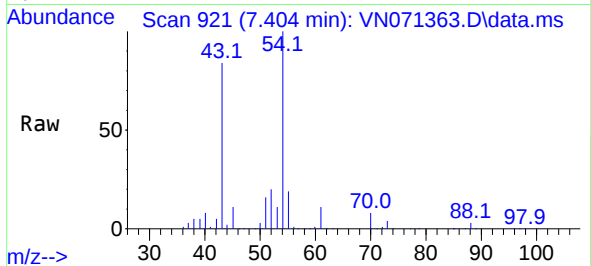
Tgt Ion: 75 Resp: 463351
Ion Ratio Lower Upper
75 100
110 33.9 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 51.722 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

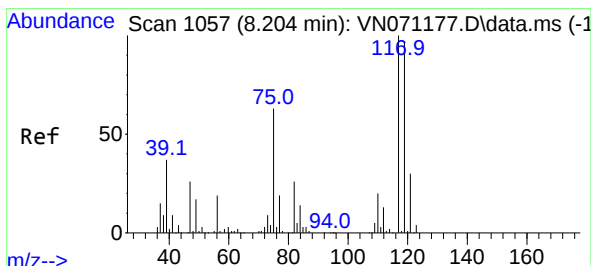
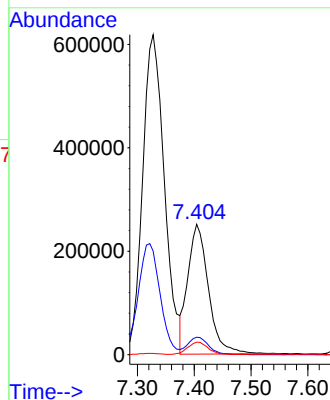
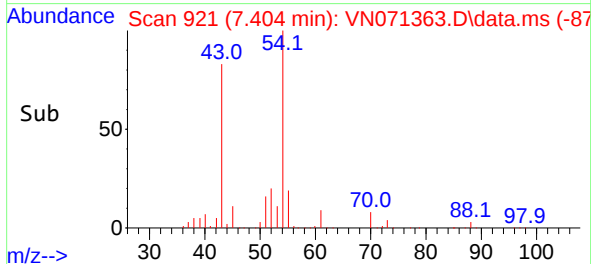
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



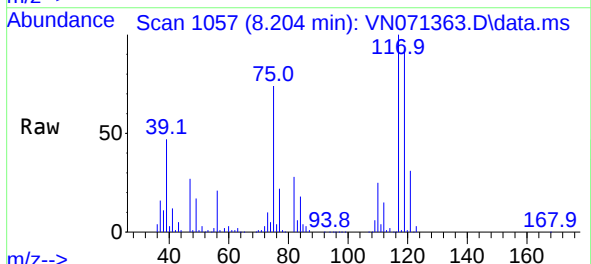
Tgt Ion: 43 Resp: 634768
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 9.7 7.9 11.9

Manual Integrations
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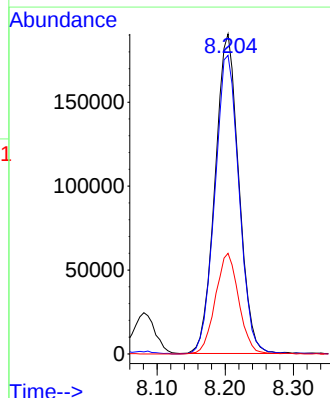
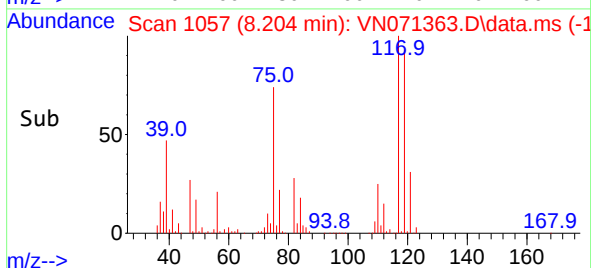
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

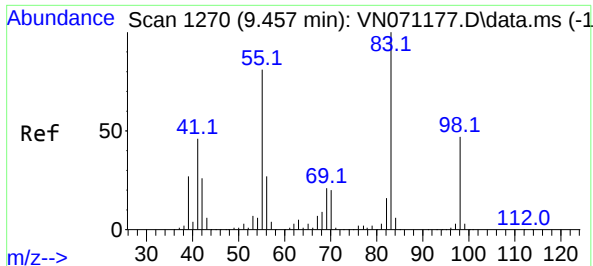


#38
Carbon Tetrachloride
Concen: 53.546 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion:117 Resp: 461867
Ion Ratio Lower Upper
117 100
119 93.4 76.1 114.1
121 31.5 24.2 36.2





#39

Methylcyclohexane

Concen: 54.169 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 568270

Ion Ratio Lower Upper

83 100

55 78.5 58.1 87.1

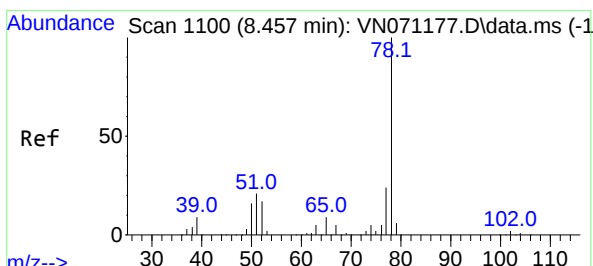
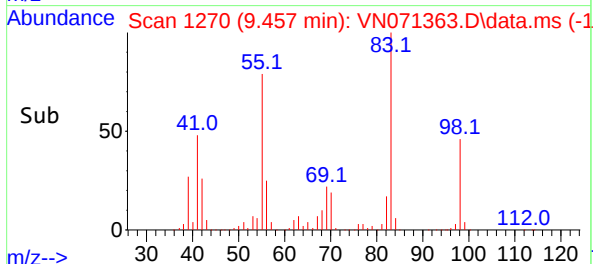
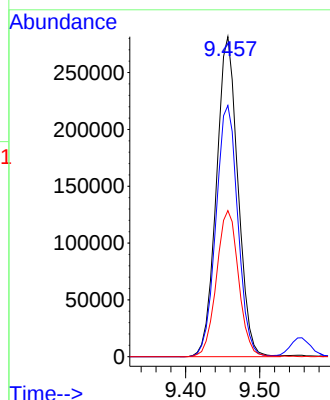
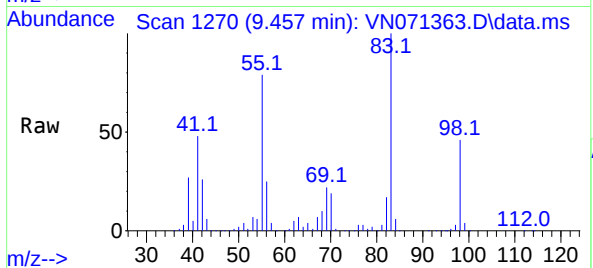
98 45.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#40

Benzene

Concen: 53.158 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071363.D

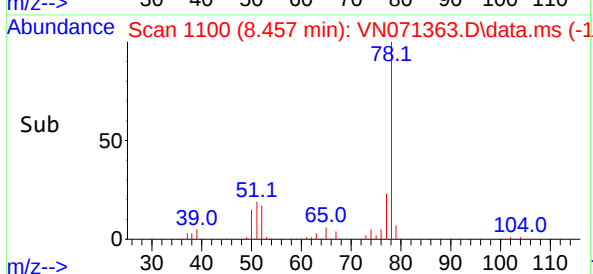
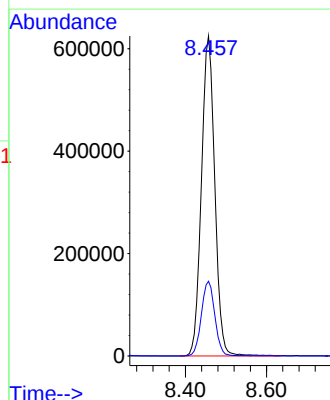
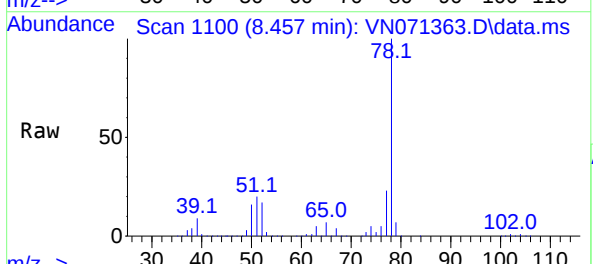
Acq: 18 Mar 2022 11:00

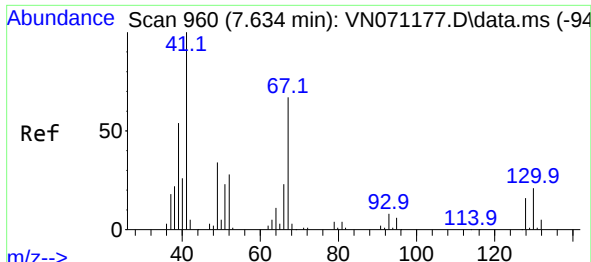
Tgt Ion: 78 Resp: 1428242

Ion Ratio Lower Upper

78 100

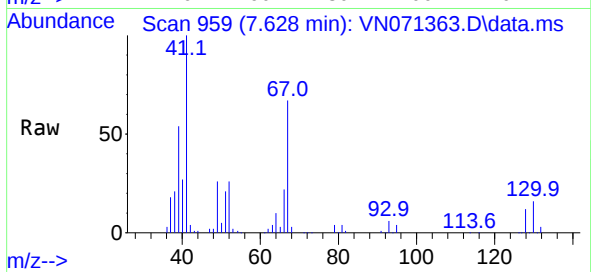
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 53.042 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

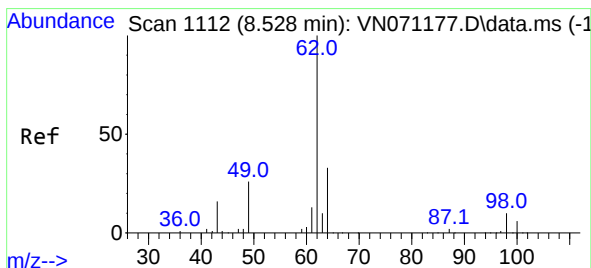
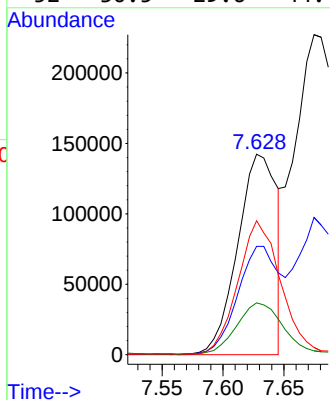
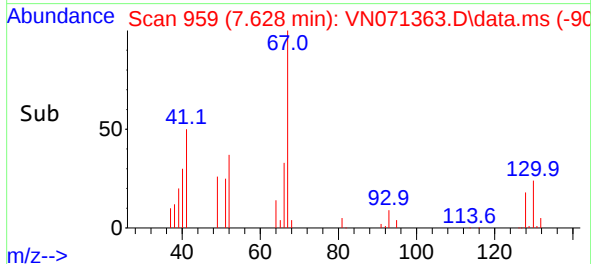
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



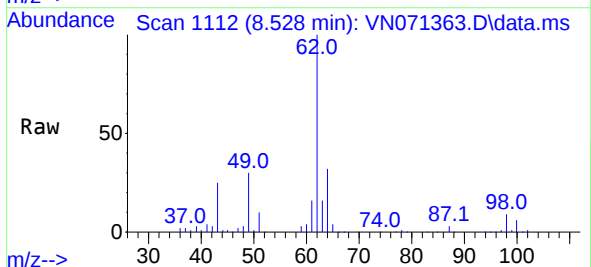
Tgt Ion: 41 Resp: 318574
Ion Ratio Lower Upper
41 100
39 59.4 48.1 72.1
67 74.4 68.3 102.5
52 30.5 29.6 44.4

Manual Integrations
APPROVED

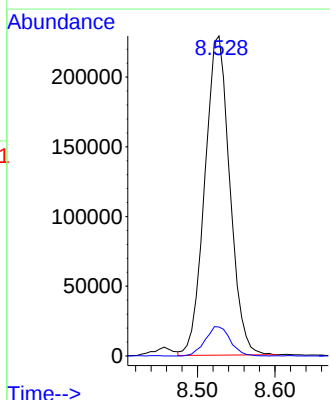
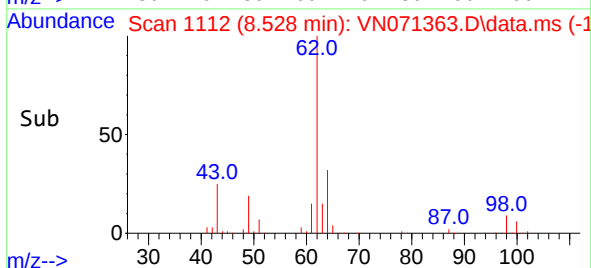
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#42
1,2-Dichloroethane
Concen: 54.822 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



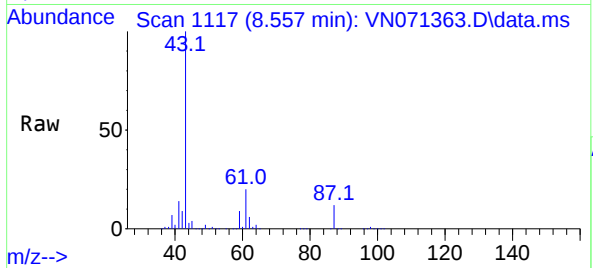
Tgt Ion: 62 Resp: 512575
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.653 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

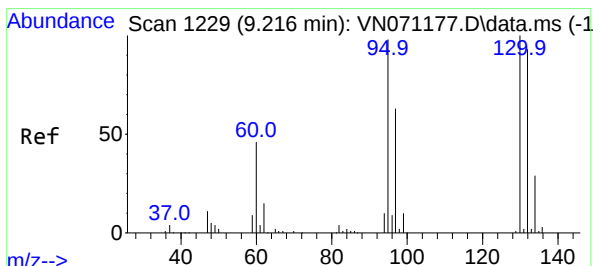
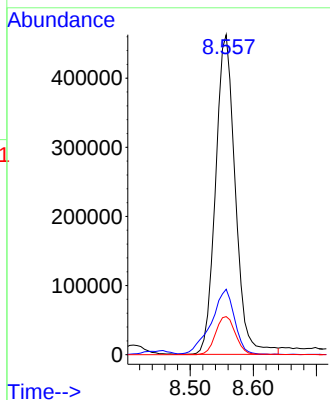
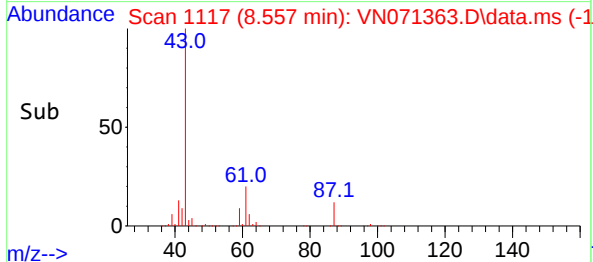
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



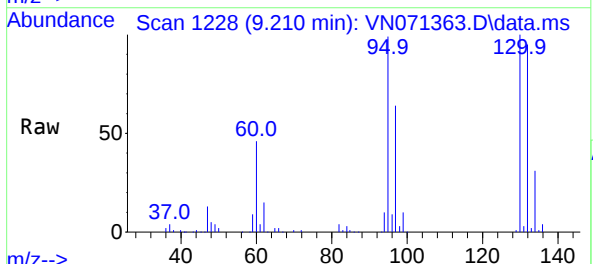
Tgt Ion: 43 Resp: 1003039
Ion Ratio Lower Upper
43 100
61 24.4 20.4 30.6
87 12.1 11.2 16.8

Manual Integrations
APPROVED

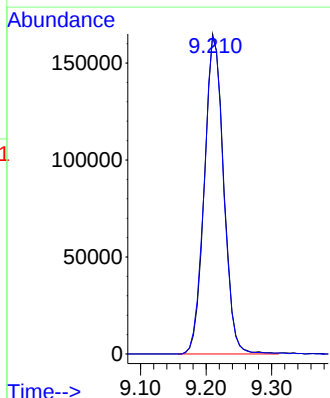
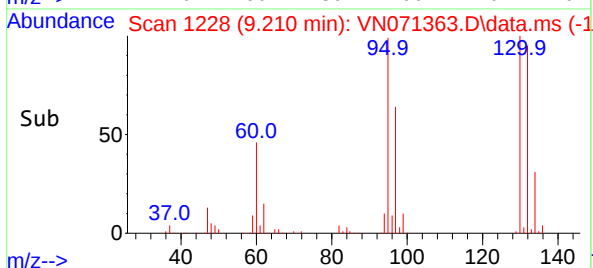
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

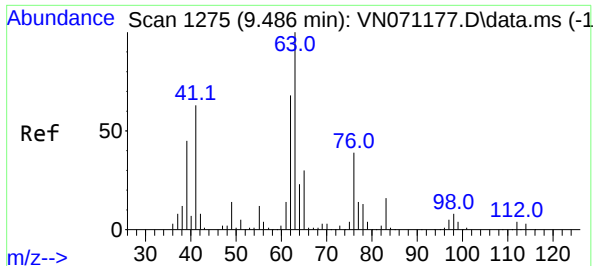


#44
Trichloroethene
Concen: 53.131 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion:130 Resp: 336826
Ion Ratio Lower Upper
130 100
95 99.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.301 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 39164

Ion Ratio Lower Upper

63 100

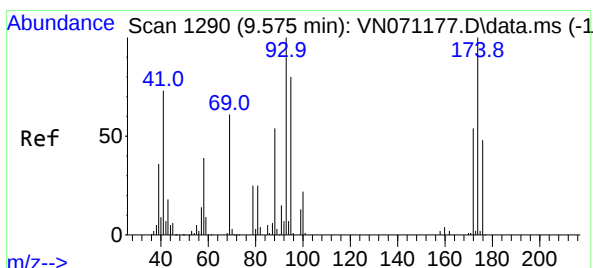
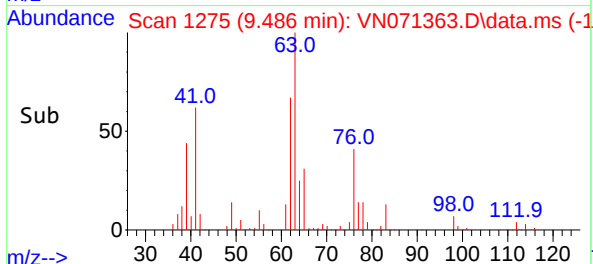
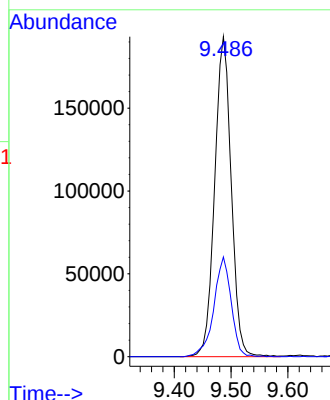
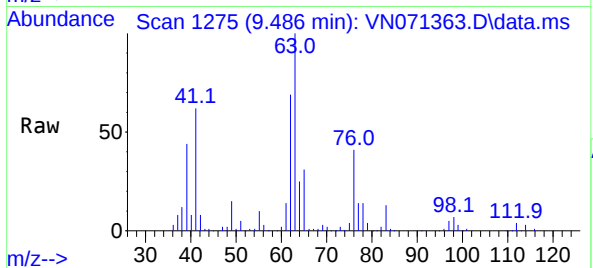
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#46

Dibromomethane

Concen: 54.779 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

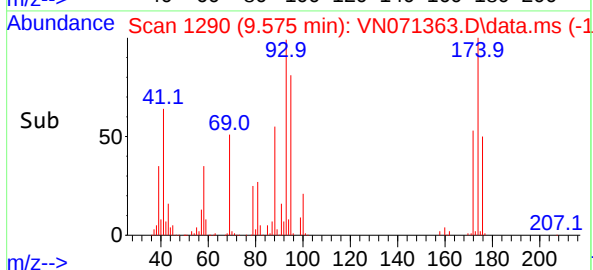
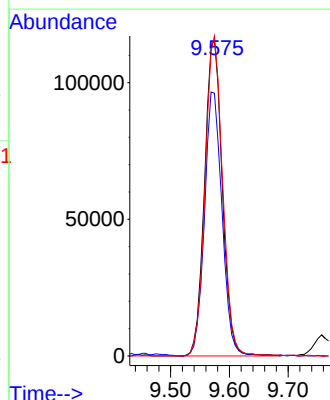
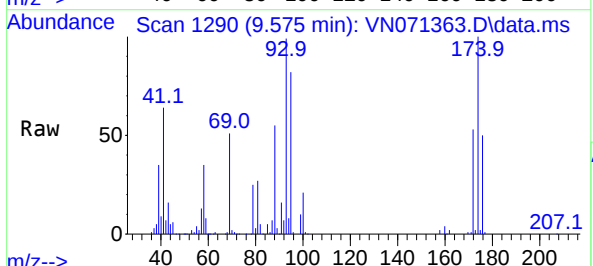
Tgt Ion: 93 Resp: 243179

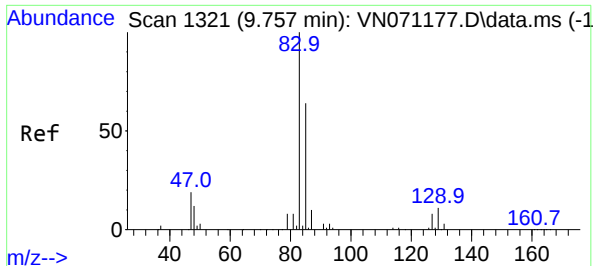
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 99.9 84.6 127.0





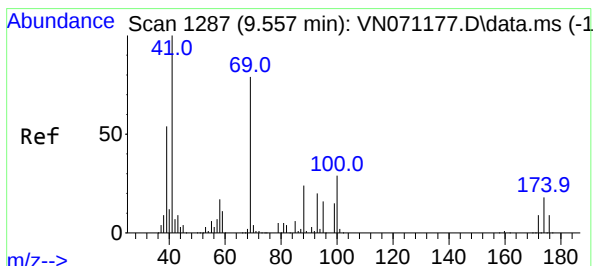
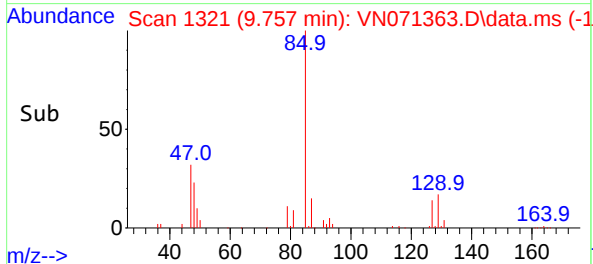
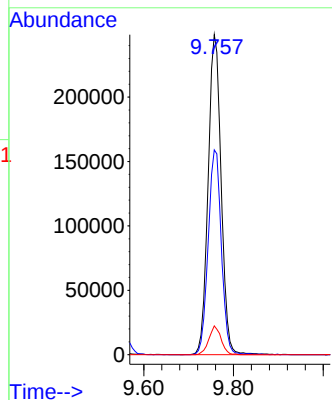
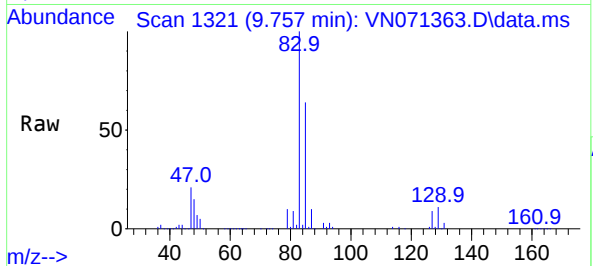
#47
Bromodichloromethane
Concen: 55.732 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 499980
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 9.0 7.1 10.7

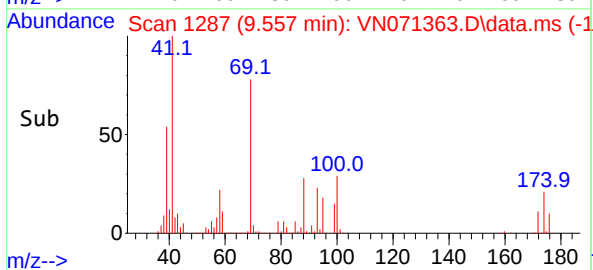
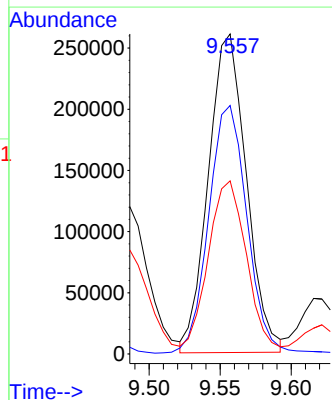
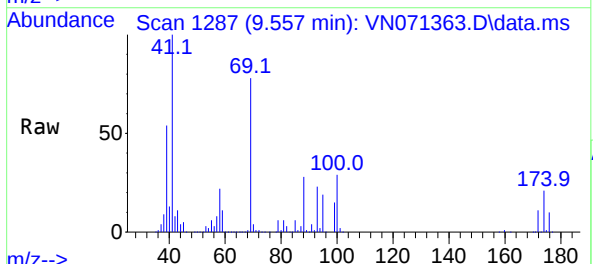
Manual Integrations
APPROVED

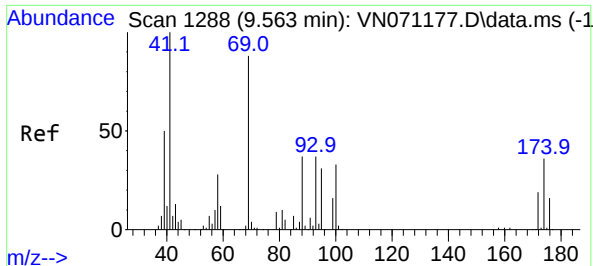
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#48
Methyl methacrylate
Concen: 57.053 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

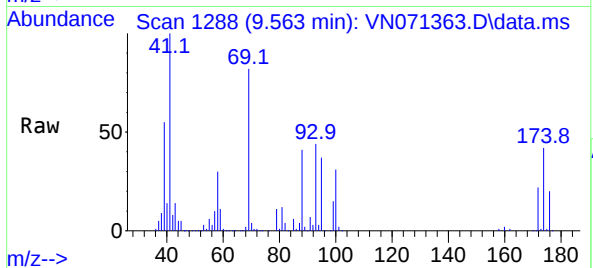
Tgt Ion: 41 Resp: 485246
Ion Ratio Lower Upper
41 100
69 79.2 72.4 108.6
39 55.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 1220.867 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

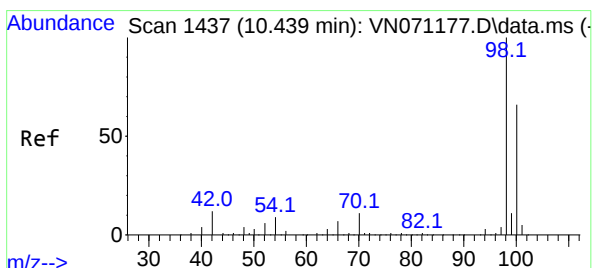
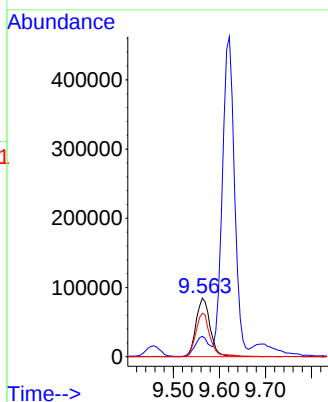
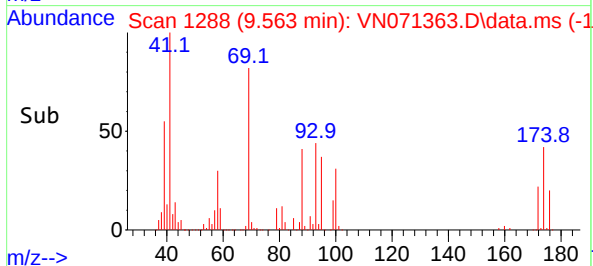
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



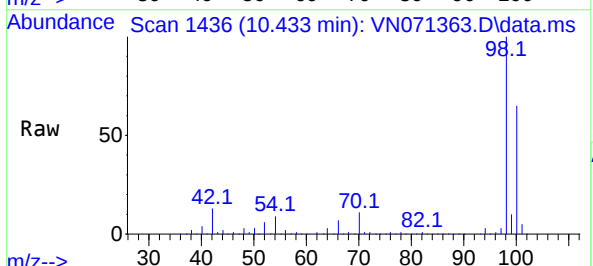
Tgt Ion: 88 Resp: 180489
Ion Ratio Lower Upper
88 100
43 34.1 23.4 35.2
58 75.4 50.6 75.8

Manual Integrations
APPROVED

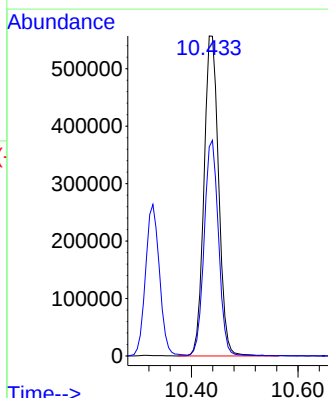
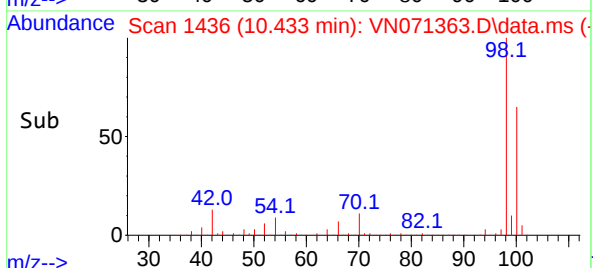
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 47.406 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion: 98 Resp: 1062342
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6





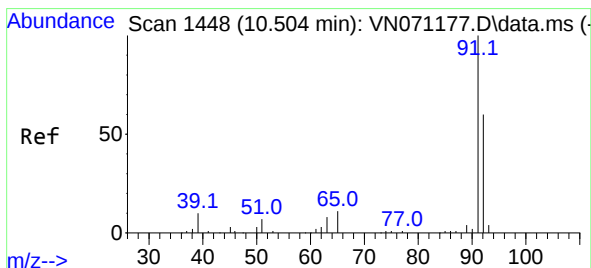
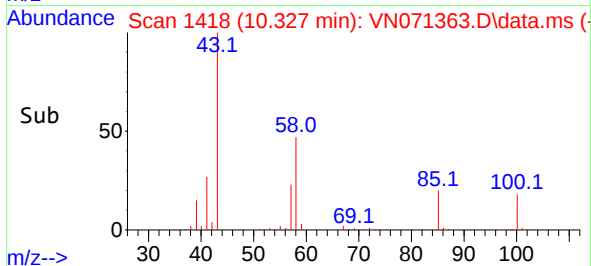
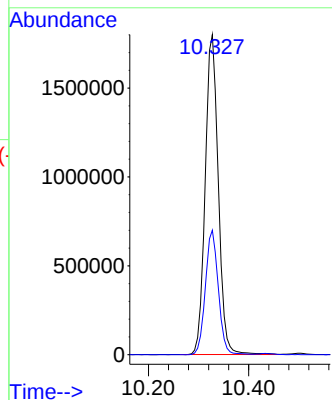
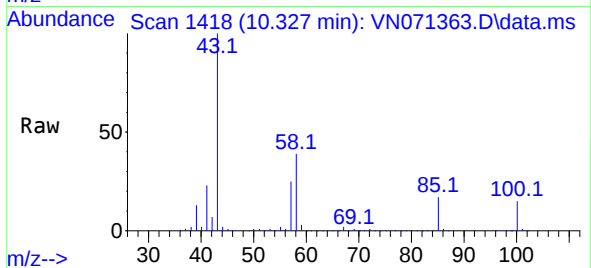
#51
4-Methyl-2-Pentanone
Concen: 287.321 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 327256
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

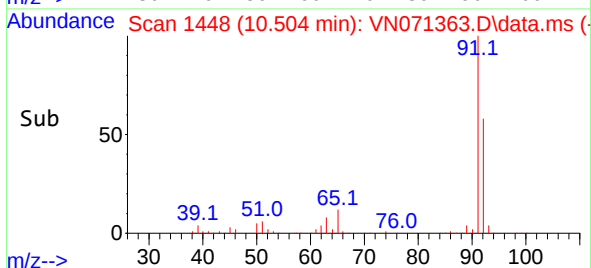
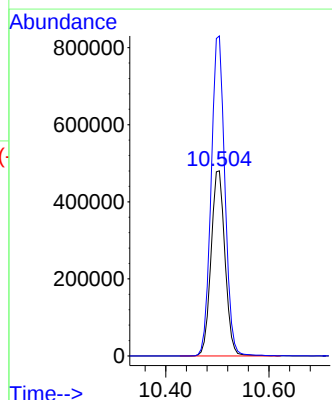
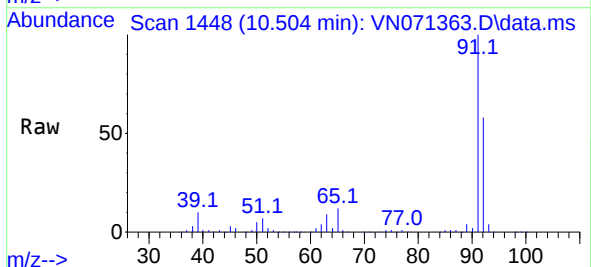
Manual Integrations
APPROVED

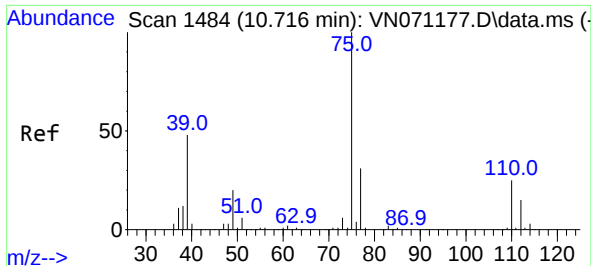
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 54.285 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Tgt Ion: 92 Resp: 898135
Ion Ratio Lower Upper
92 100
91 171.1 142.0 213.0





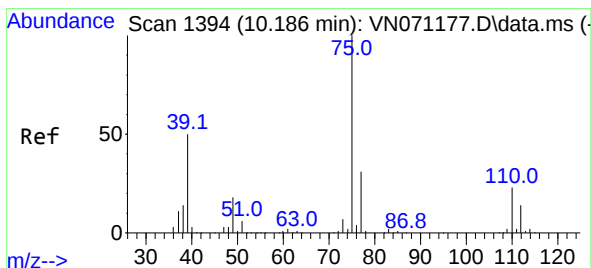
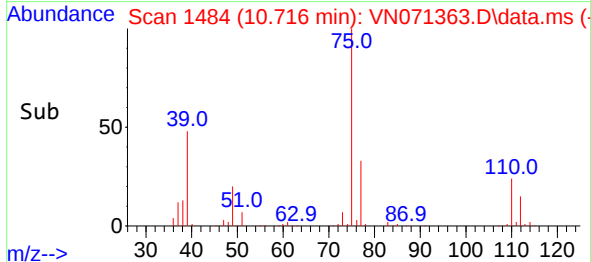
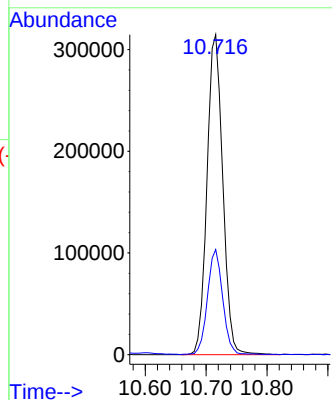
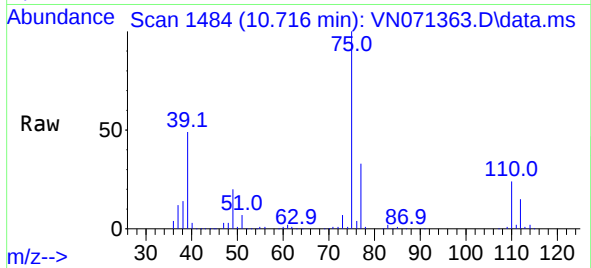
#53
t-1,3-Dichloropropene
Concen: 57.231 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 56598
Ion Ratio Lower Upper
75 100
77 32.8 25.6 38.4

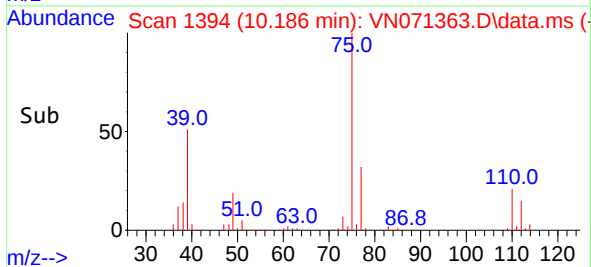
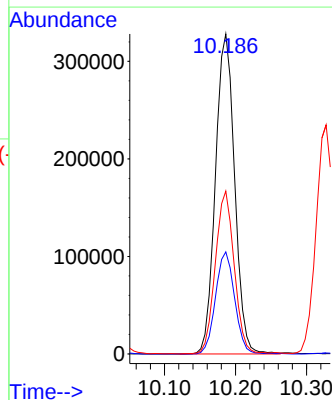
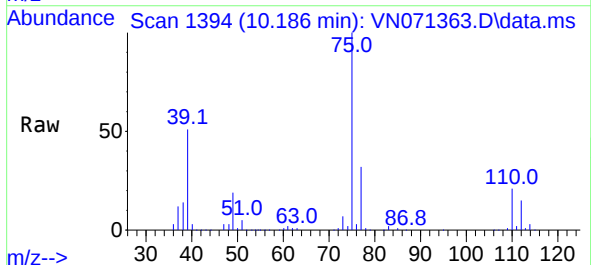
Manual Integrations
APPROVED

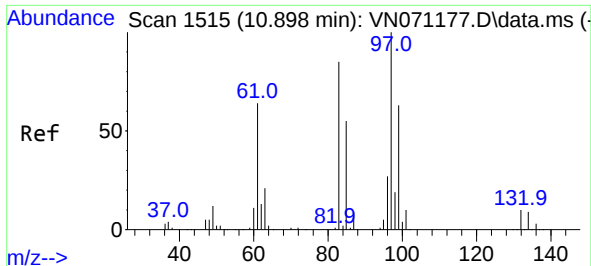
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#54
cis-1,3-Dichloropropene
Concen: 56.863 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Tgt Ion: 75 Resp: 614441
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 50.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 54.163 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

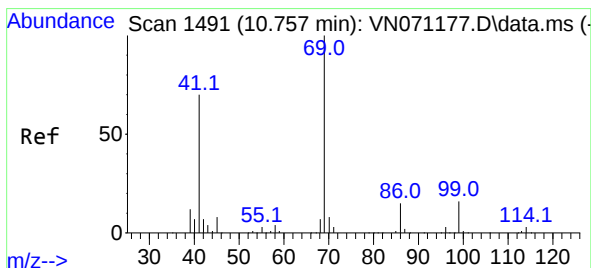
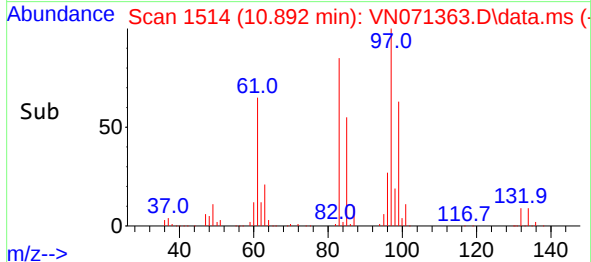
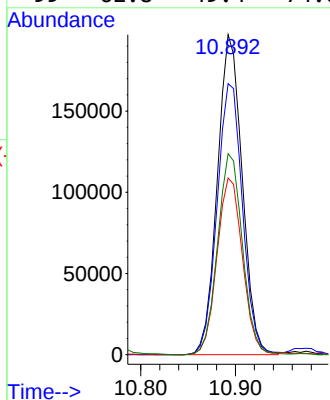
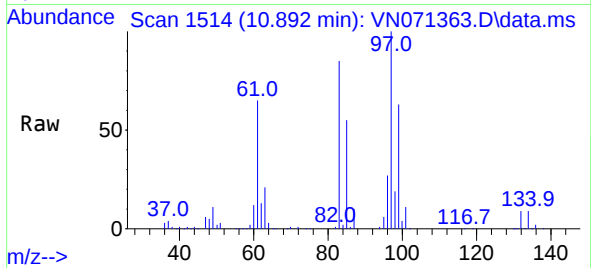
VSTDCCC050

Tgt Ion: 97 Resp: 359083
Ion Ratio Lower Upper
97 100
83 84.7 67.8 101.6
85 55.2 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations

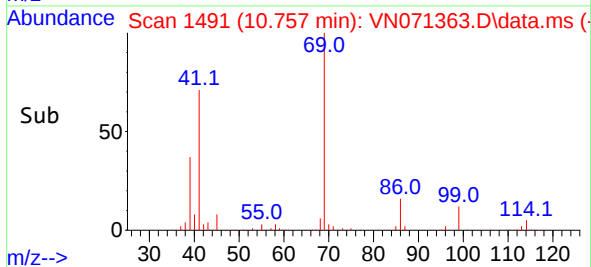
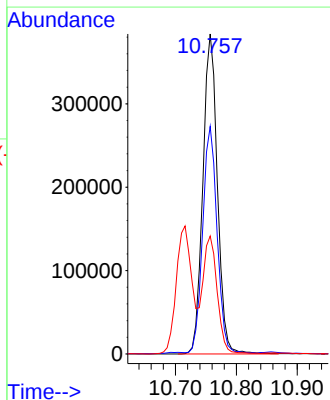
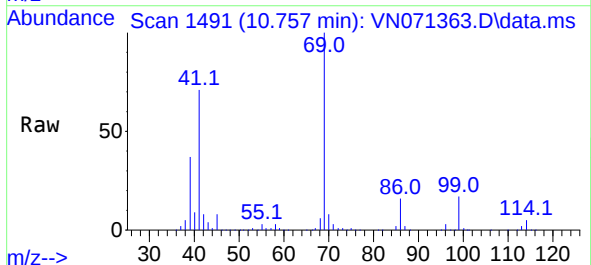
APPROVED

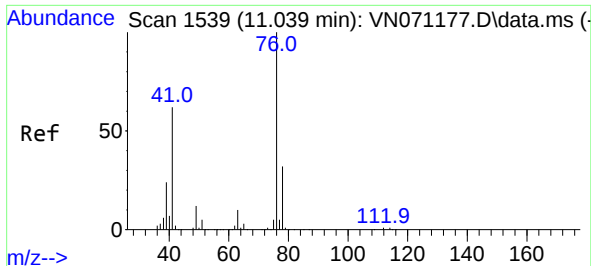
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#56
Ethyl methacrylate
Concen: 58.747 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Tgt Ion: 69 Resp: 636040
Ion Ratio Lower Upper
69 100
41 70.3 51.4 77.0
39 37.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 54.811 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 652250

Ion Ratio Lower Upper

76 100

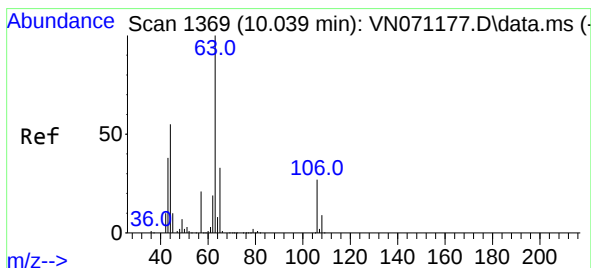
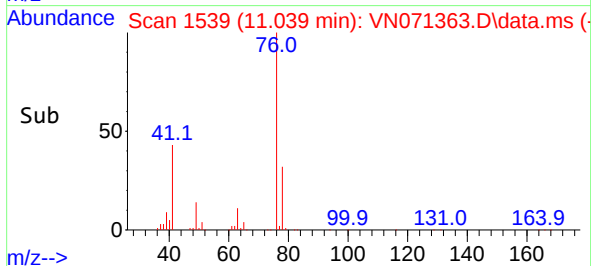
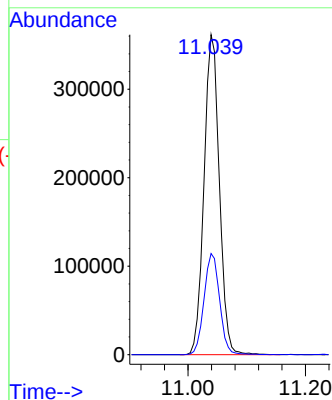
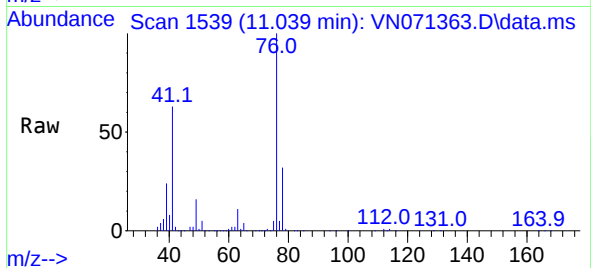
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 457.683 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071363.D

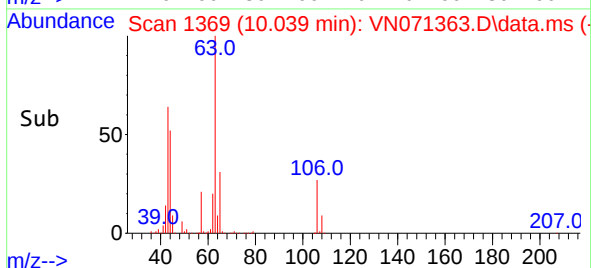
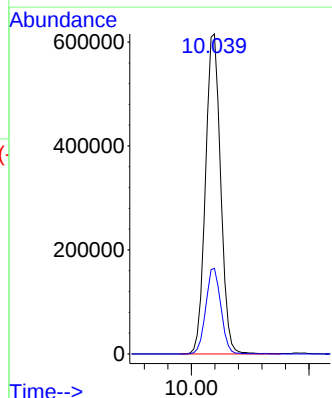
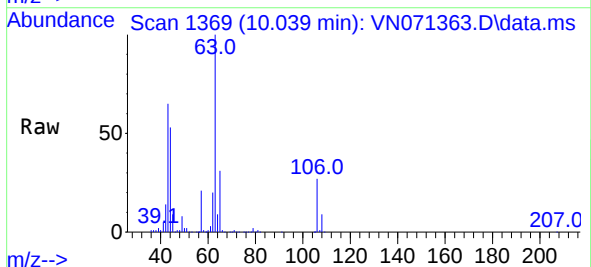
Acq: 18 Mar 2022 11:00

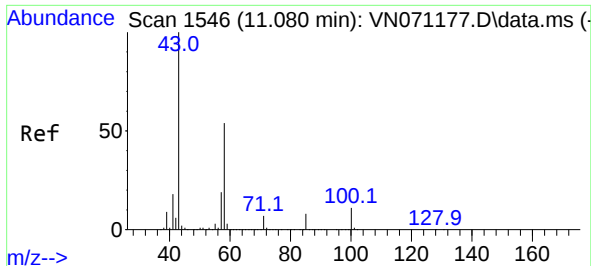
Tgt Ion: 63 Resp: 1100324

Ion Ratio Lower Upper

63 100

106 26.7 23.9 35.9





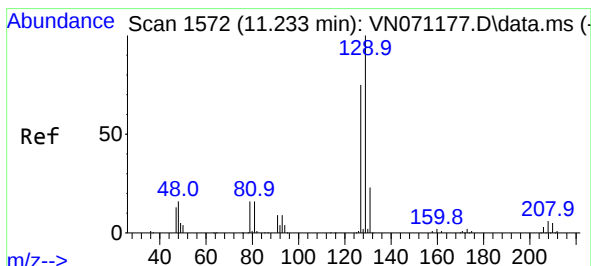
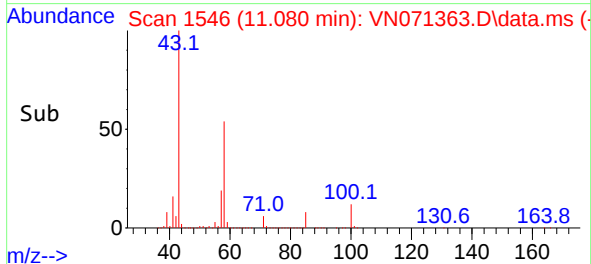
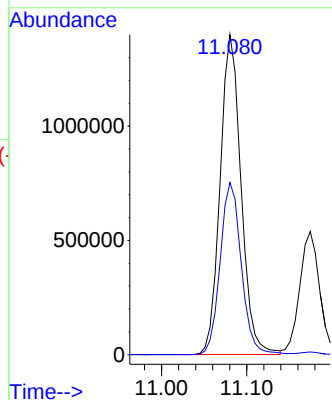
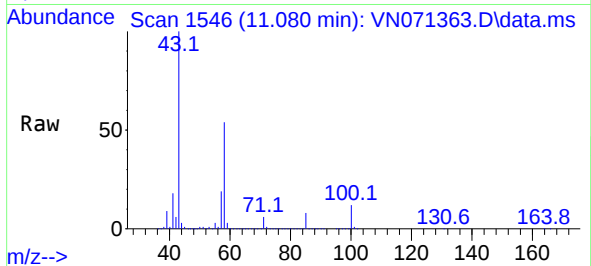
#59
2-Hexanone
Concen: 307.922 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2393000
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

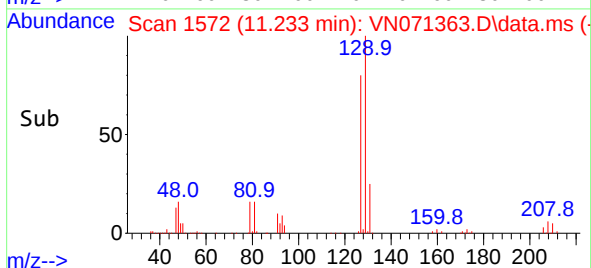
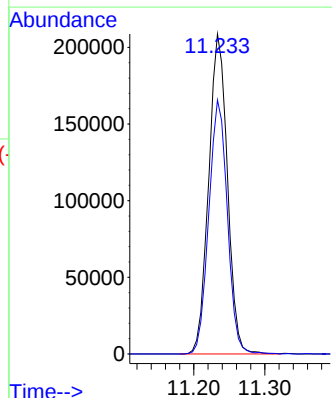
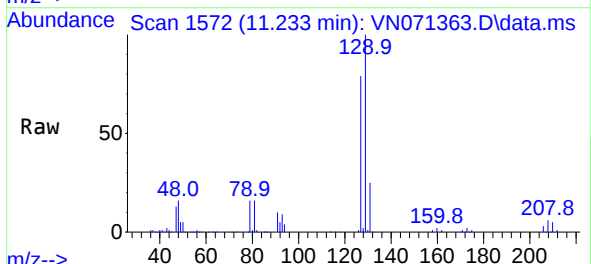
Manual Integrations
APPROVED

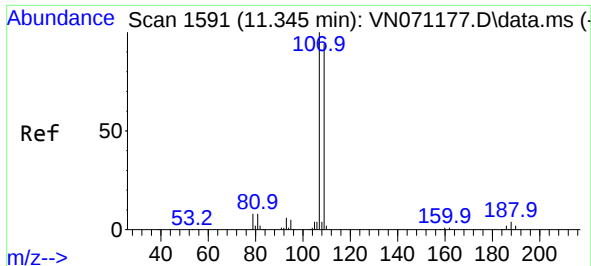
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#60
Dibromochloromethane
Concen: 58.052 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

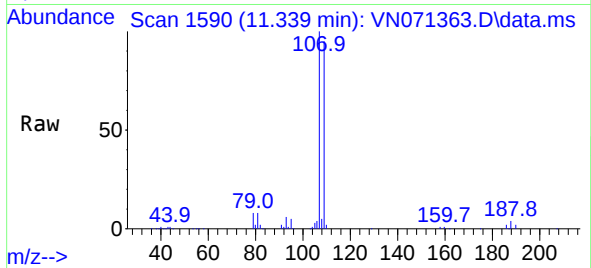
Tgt Ion:129 Resp: 382402
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.023 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

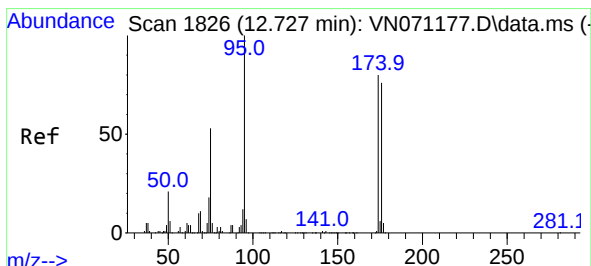
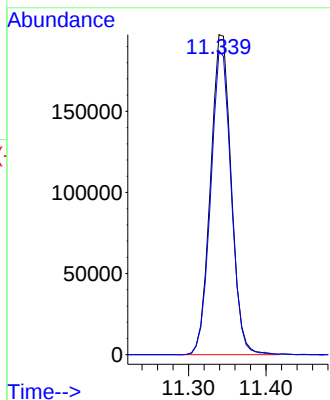
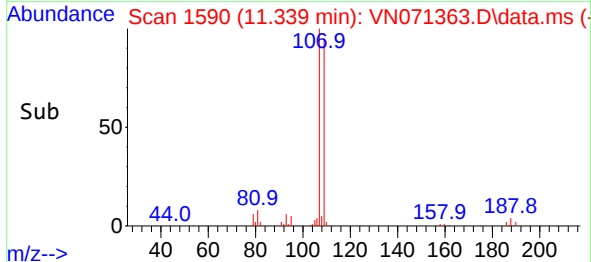
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



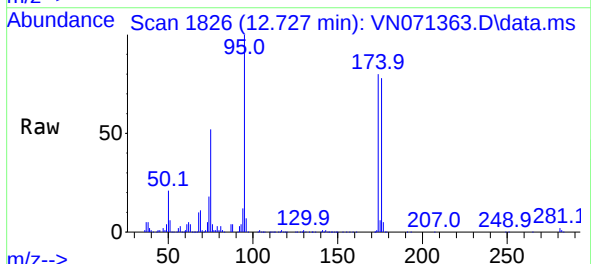
Tgt Ion:107 Resp: 366040
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

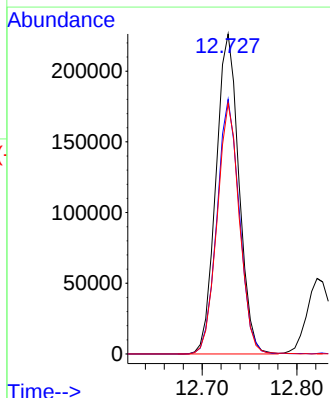
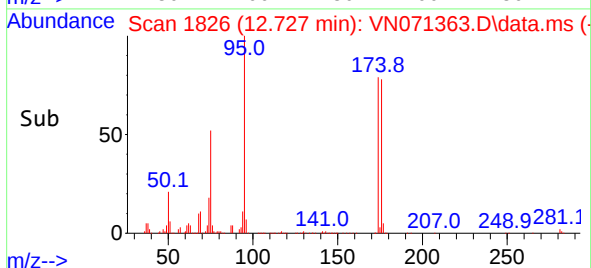
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

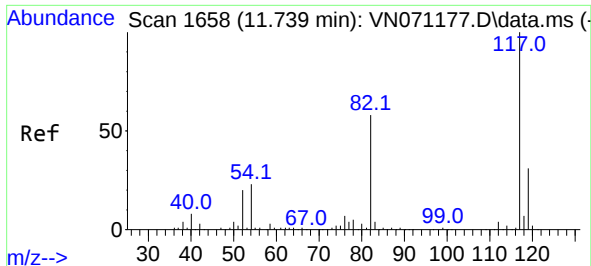


#62
4-Bromofluorobenzene
Concen: 50.274 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



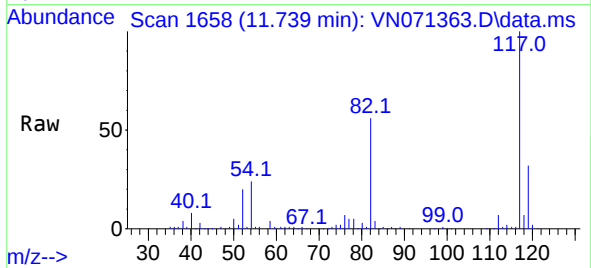
Tgt Ion: 95 Resp: 381502
Ion Ratio Lower Upper
95 100
174 77.9 0.0 187.2
176 76.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

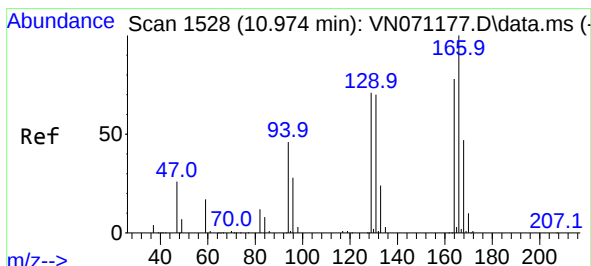
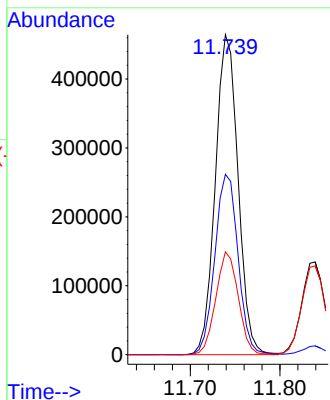
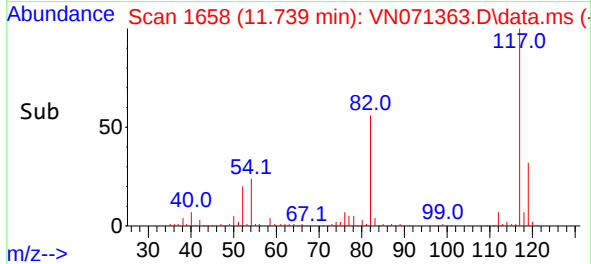
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



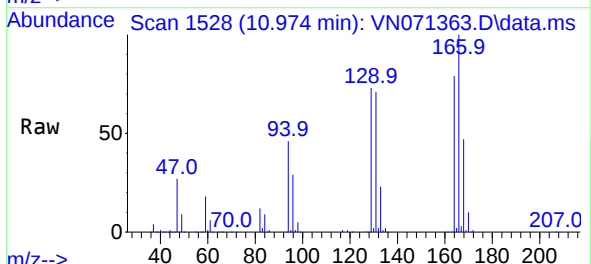
Tgt Ion:117 Resp: 81788
Ion Ratio Lower Upper
117 100
82 56.3 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

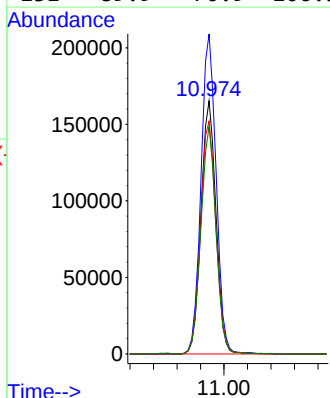
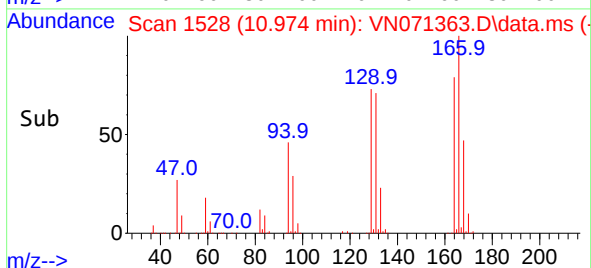
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#64
Tetrachloroethene
Concen: 51.497 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



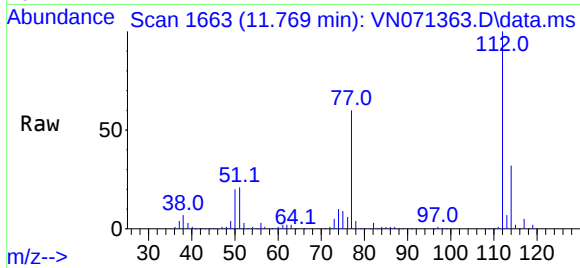
Tgt Ion:164 Resp: 293753
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 92.0 72.0 108.0
131 89.9 70.9 106.3





#65
Chlorobenzene
Concen: 54.130 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

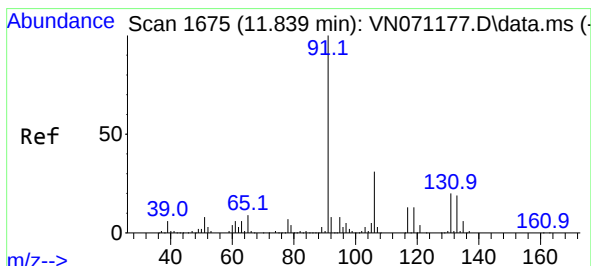
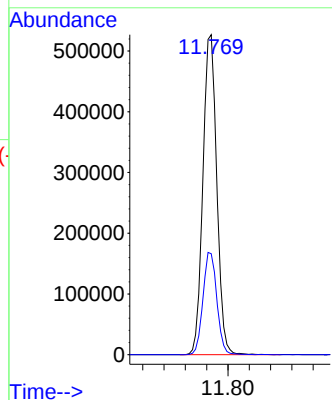
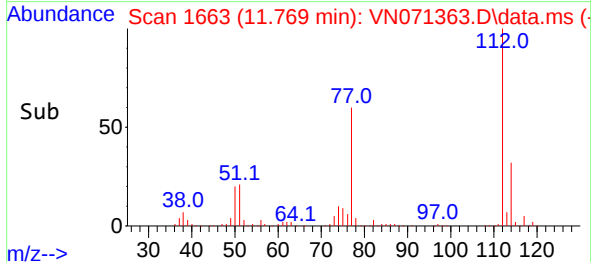
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



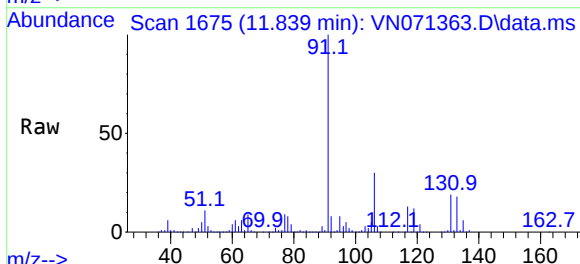
Tgt Ion:112 Resp: 950768
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

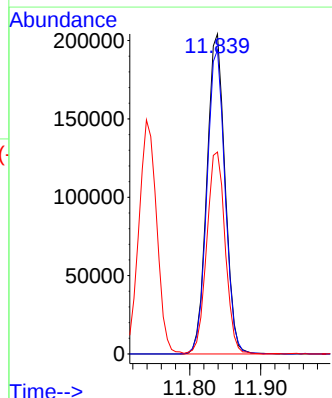
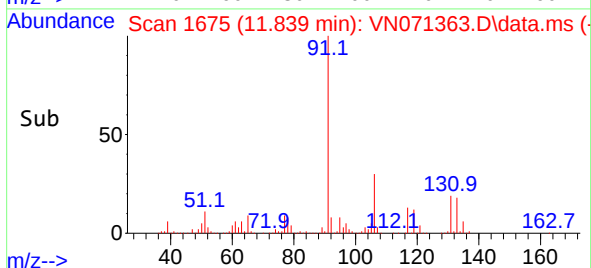
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

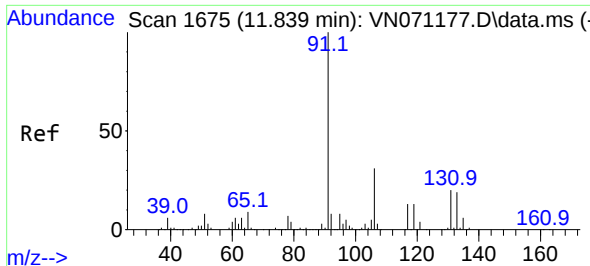


#66
1,1,1,2-Tetrachloroethane
Concen: 56.211 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



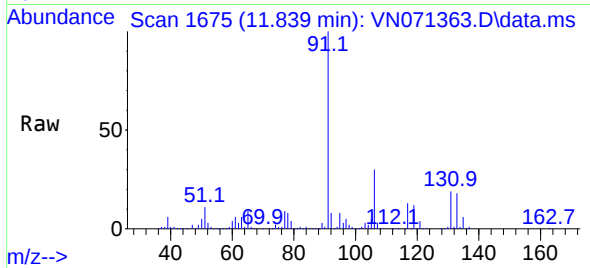
Tgt Ion:131 Resp: 362029
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 55.843 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

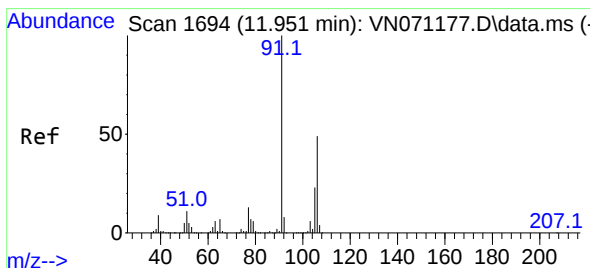
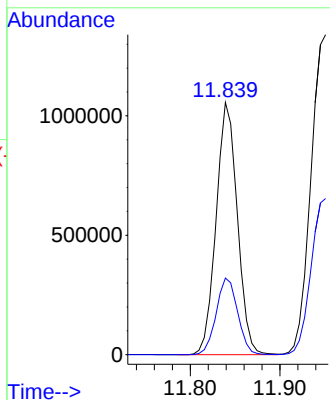
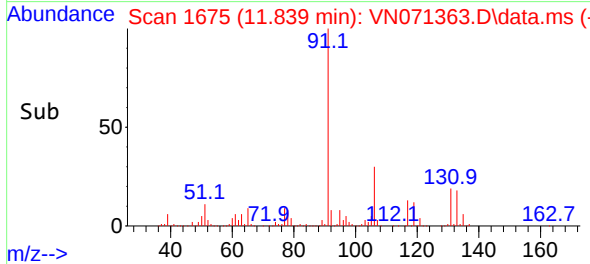
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



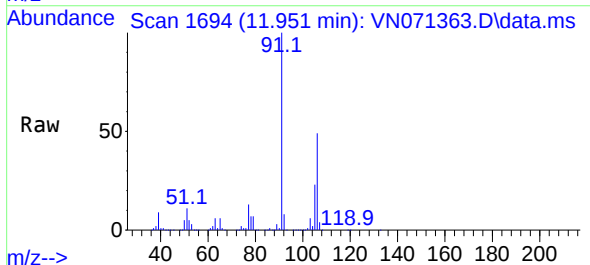
Tgt Ion: 91 Resp: 173429
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
APPROVED

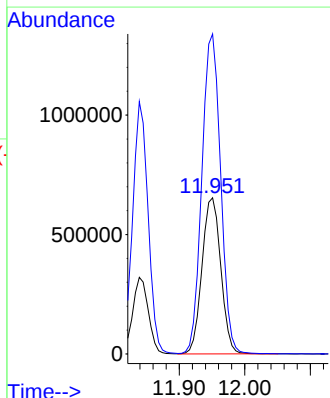
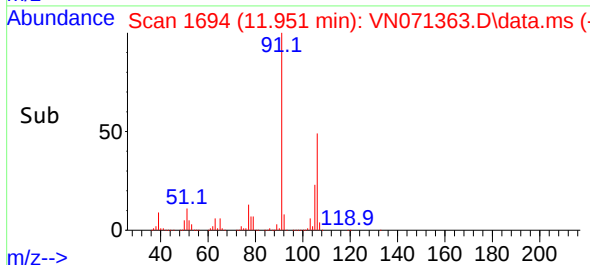
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

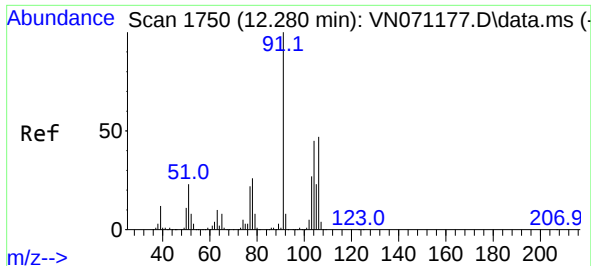


#68
m/p-Xylenes
Concen: 114.777 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



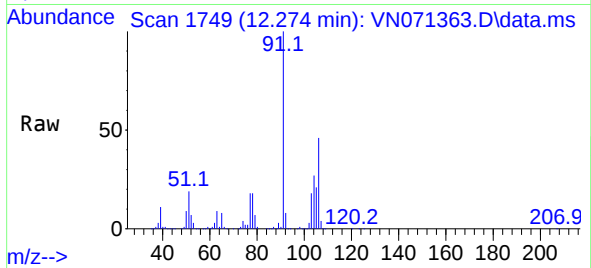
Tgt Ion:106 Resp: 1304015
Ion Ratio Lower Upper
106 100
91 204.5 160.6 240.8





#69
o-Xylene
Concen: 56.527 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

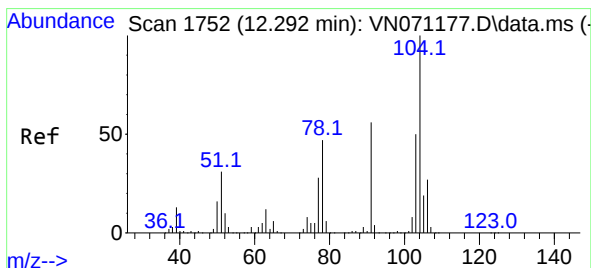
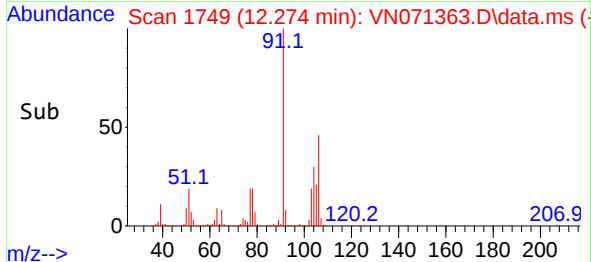
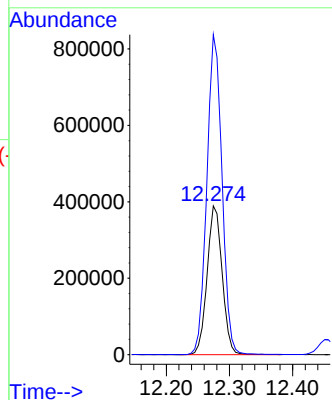
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 643758
Ion Ratio Lower Upper
106 100
91 216.5 105.8 317.3

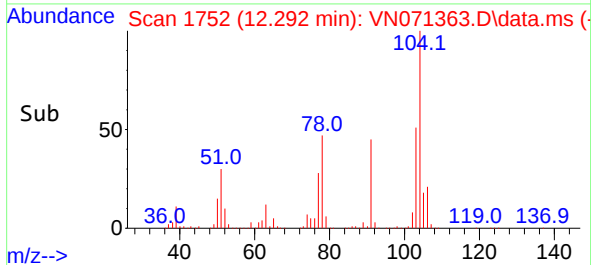
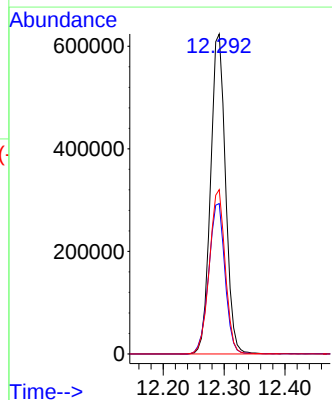
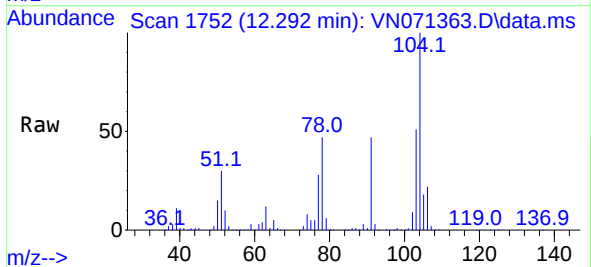
Manual Integrations
APPROVED

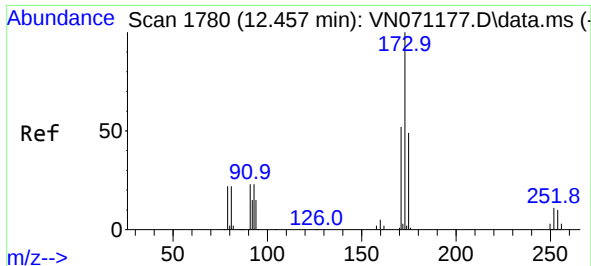
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
Styrene
Concen: 60.593 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

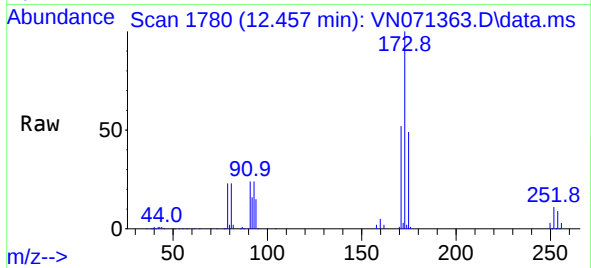
Tgt Ion:104 Resp: 1068182
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 54.2 45.0 67.6





#71
Bromoform
Concen: 60.269 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

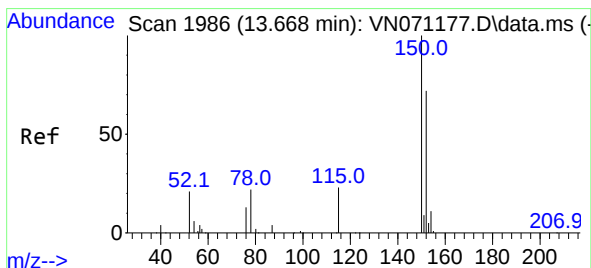
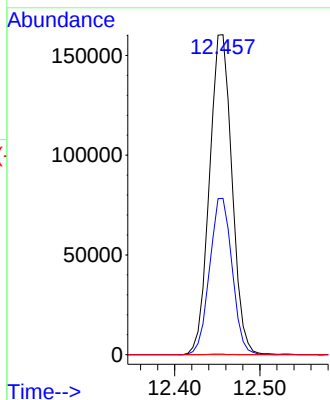
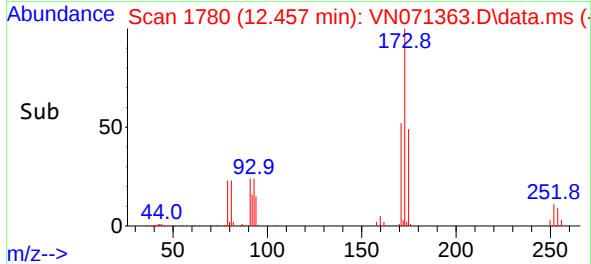
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



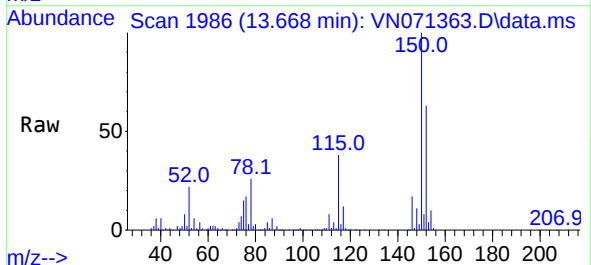
Tgt Ion:173 Resp: 294778
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.2 0.0 0.0

Manual Integrations
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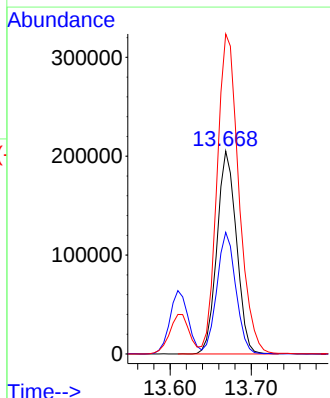
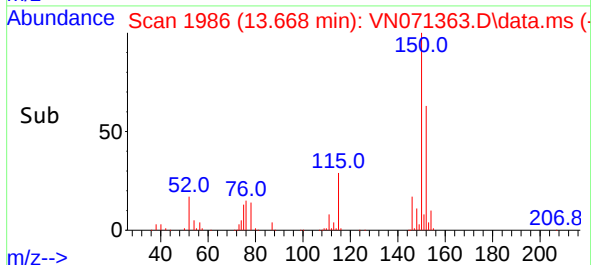
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

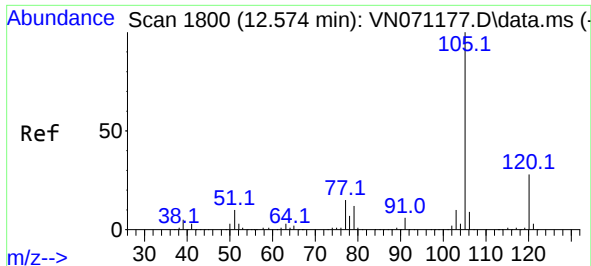


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



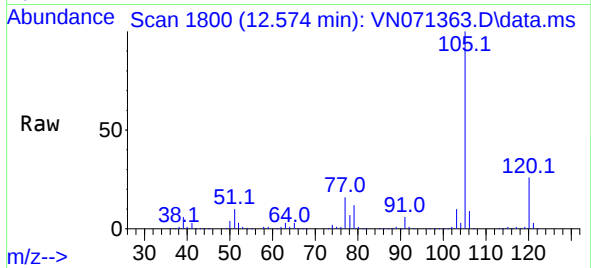
Tgt Ion:152 Resp: 343176
Ion Ratio Lower Upper
152 100
115 58.3 27.5 82.5
150 176.3 0.0 344.4





#73
Isopropylbenzene
Concen: 51.224 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

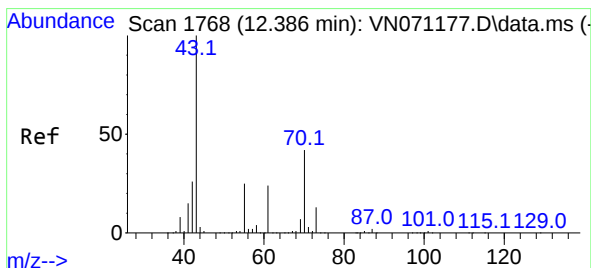
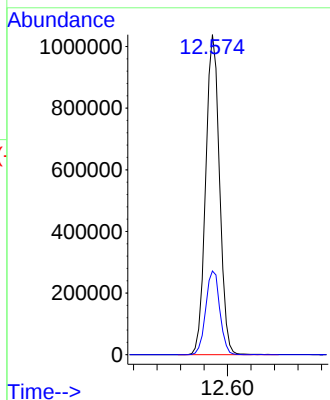
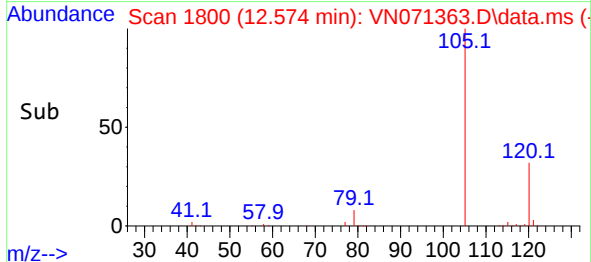
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



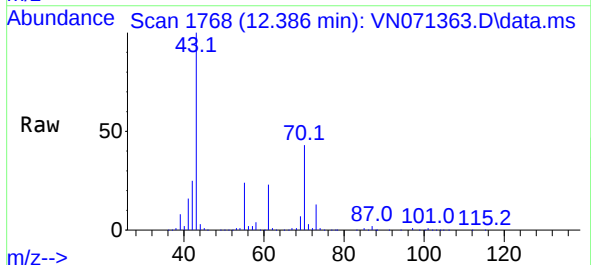
Tgt Ion:105 Resp: 1694580
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

Manual Integrations
APPROVED

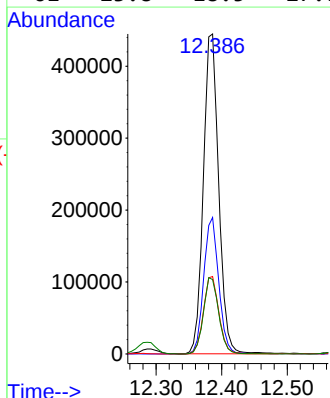
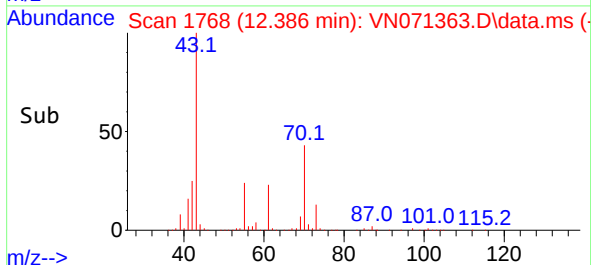
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

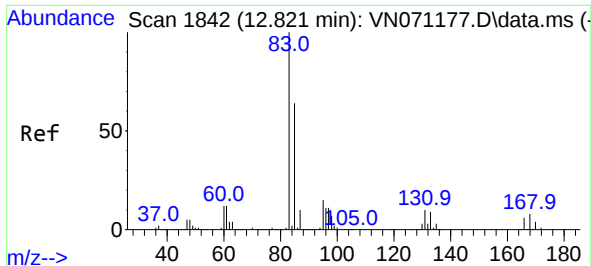


#74
N-ethyl acetate
Concen: 58.301 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion: 43 Resp: 725190
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.0
55 24.5 19.3 28.9
61 23.8 18.5 27.7





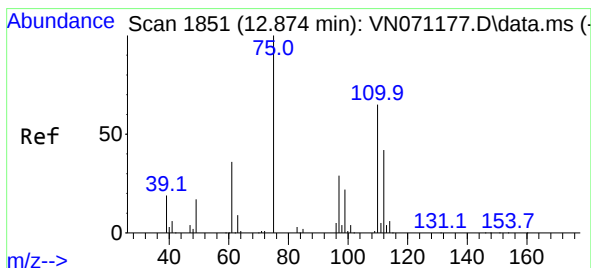
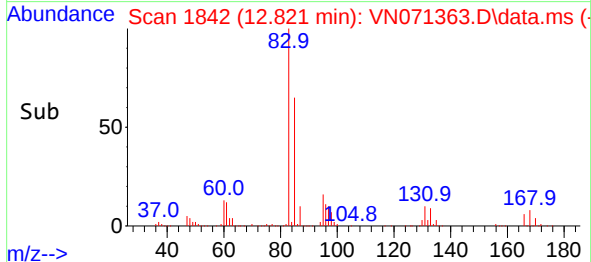
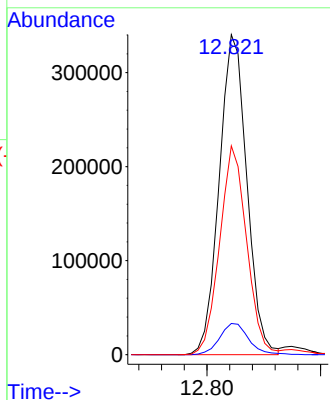
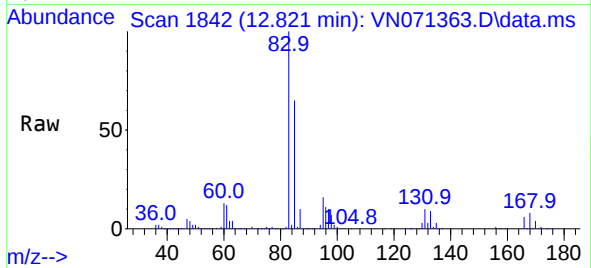
#75
1,1,2,2-Tetrachloroethane
Concen: 58.926 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 57478
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 63.8 32.4 97.2

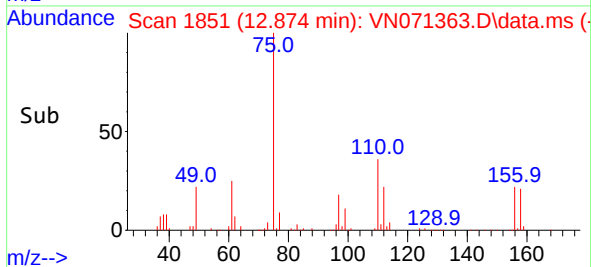
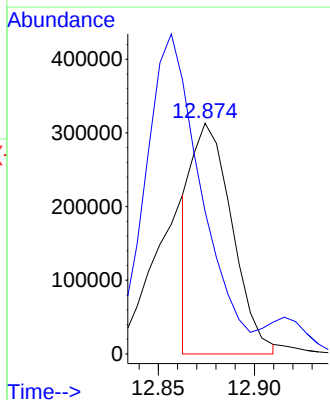
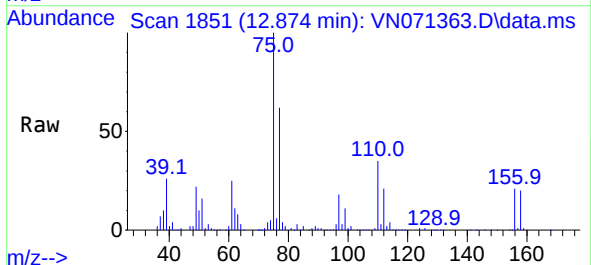
Manual Integrations
APPROVED

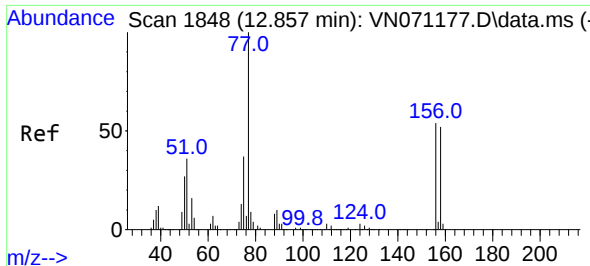
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#76
1,2,3-Trichloropropane
Concen: 55.192 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

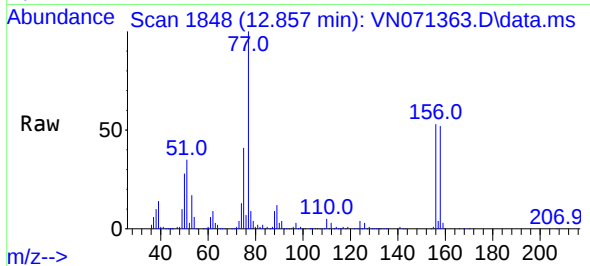
Tgt Ion: 75 Resp: 456623
Ion Ratio Lower Upper
75 100
77 191.2 82.6 247.8





#77
Bromobenzene
Concen: 51.030 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

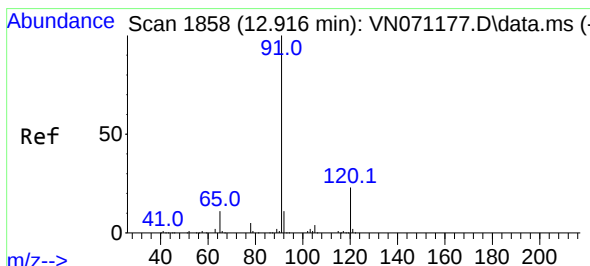
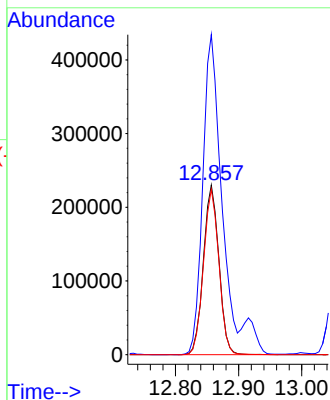
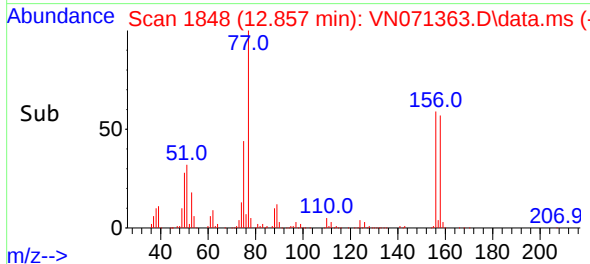
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



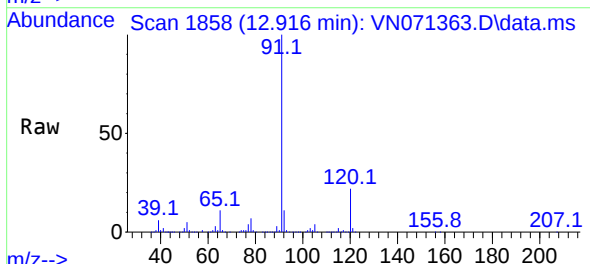
Tgt Ion:156 Resp: 39365
Ion Ratio Lower Upper
156 100
77 221.8 90.6 271.8
158 96.7 48.9 146.7

Manual Integrations
APPROVED

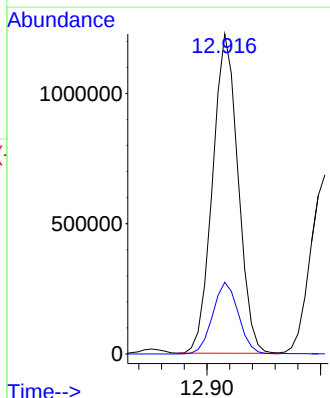
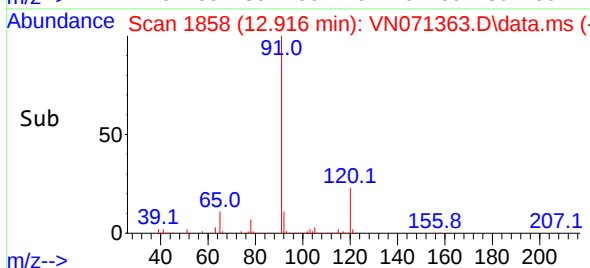
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

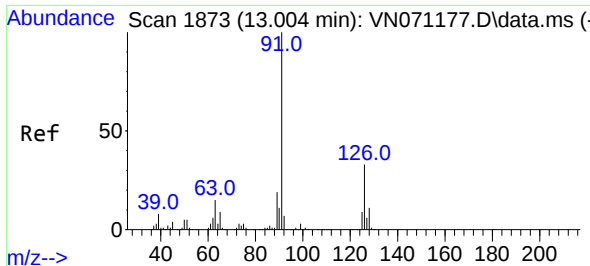


#78
n-propylbenzene
Concen: 53.910 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion: 91 Resp: 1913754
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9





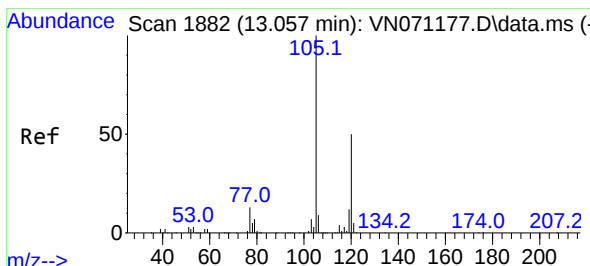
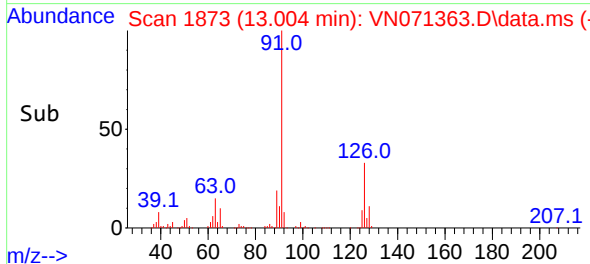
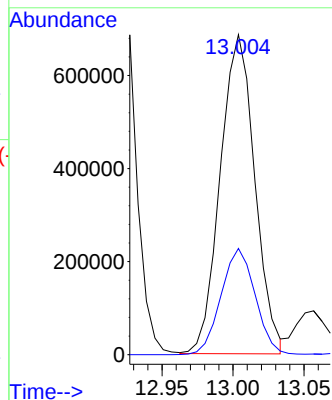
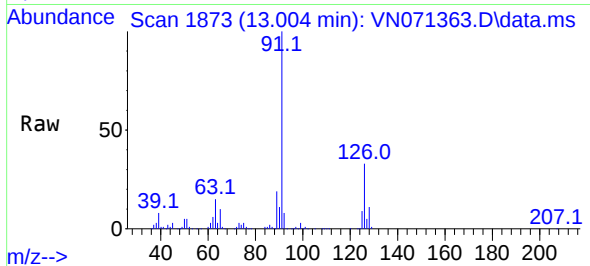
#79
2-Chlorotoluene
Concen: 50.977 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 116165
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

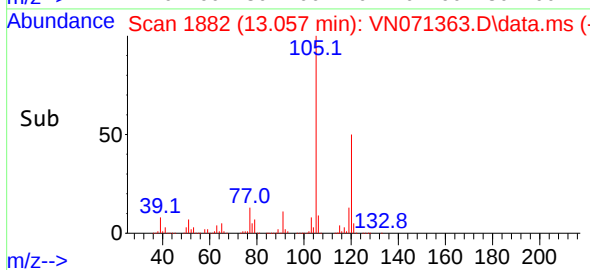
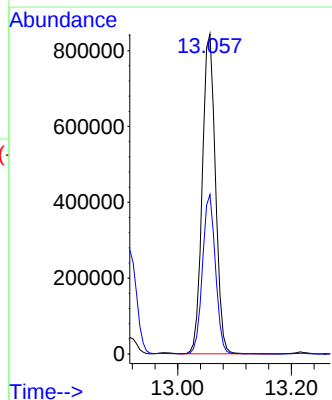
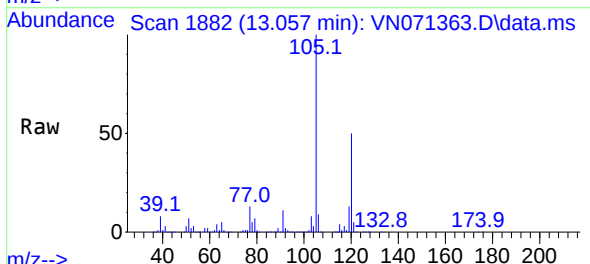
Manual Integrations
APPROVED

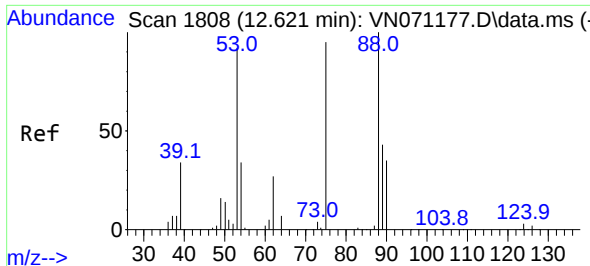
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.637 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

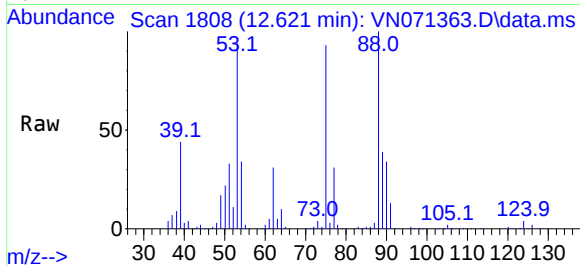
Tgt Ion:105 Resp: 1354741
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 58.621 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

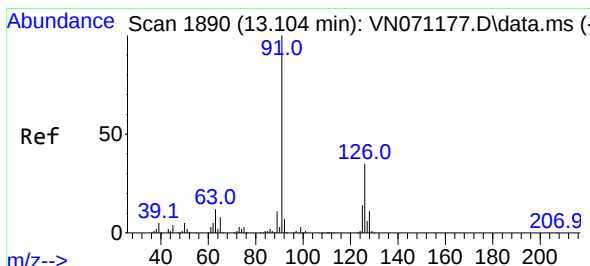
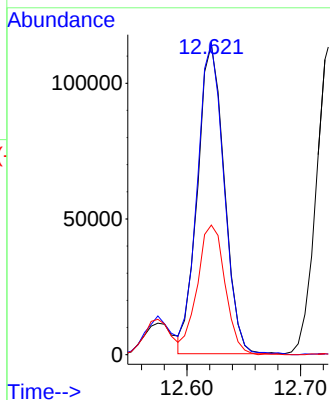
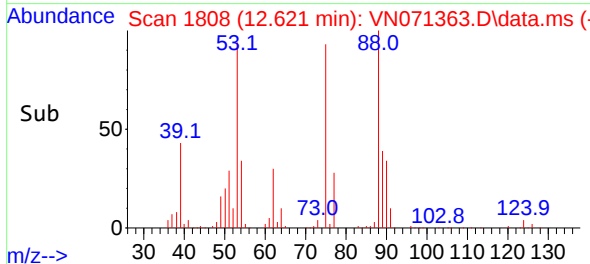
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



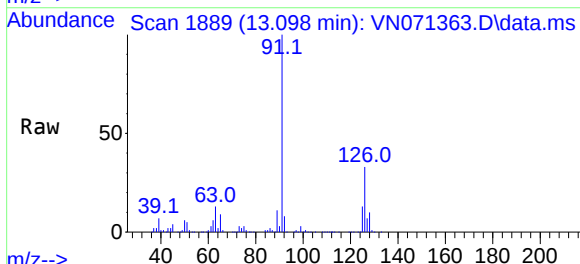
Tgt Ion: 75 Resp: 186099
Ion Ratio Lower Upper
75 100
53 101.4 90.5 135.7
89 43.8 38.2 57.4

Manual Integrations
APPROVED

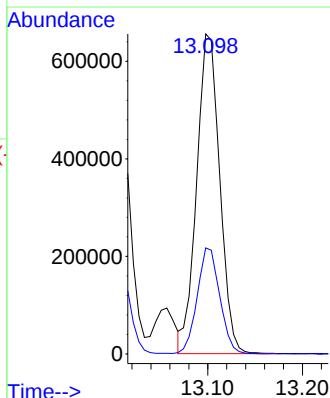
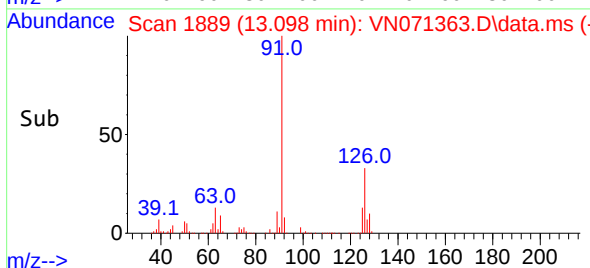
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

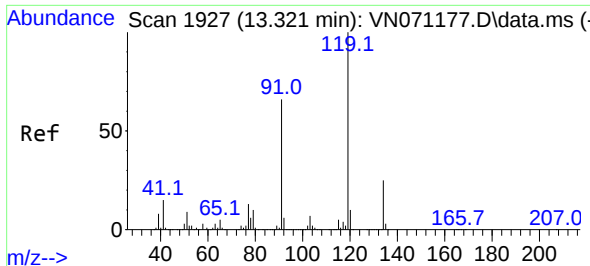


#82
4-Chlorotoluene
Concen: 54.567 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



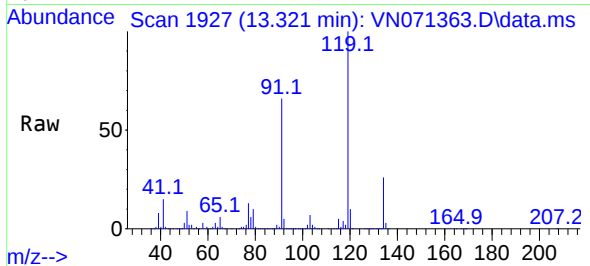
Tgt Ion: 91 Resp: 1107589
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 53.089 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

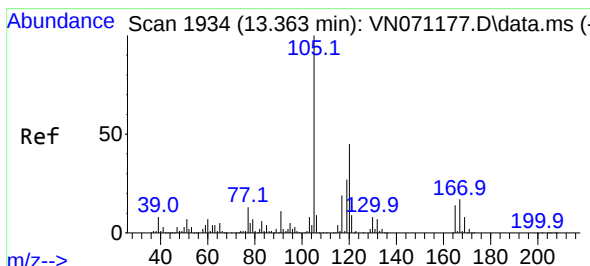
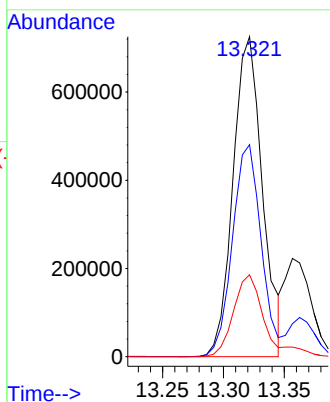
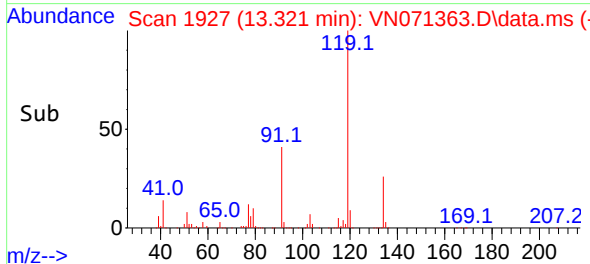
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



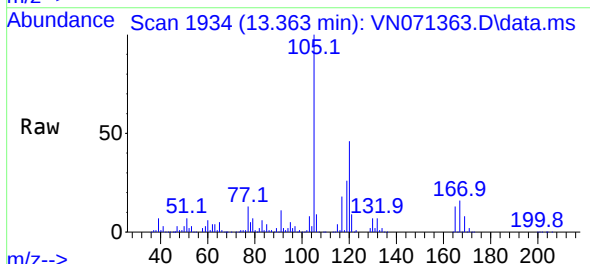
Tgt Ion:119 Resp: 1219380
Ion Ratio Lower Upper
119 100
91 64.5 31.5 94.5
134 27.1 12.4 37.4

Manual Integrations
APPROVED

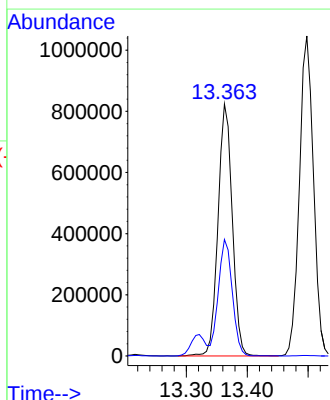
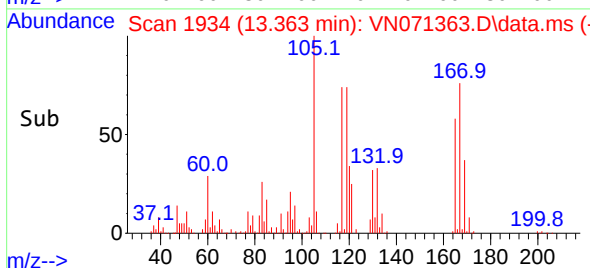
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

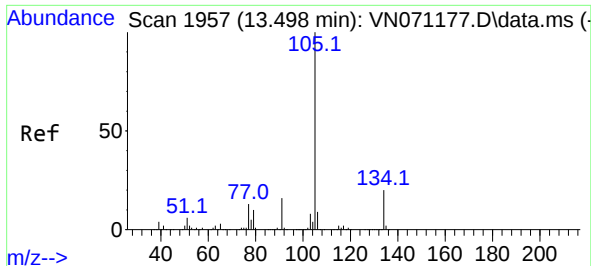


#84
1,2,4-Trimethylbenzene
Concen: 54.342 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion:105 Resp: 1339667
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 54.925 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071363.D
 Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

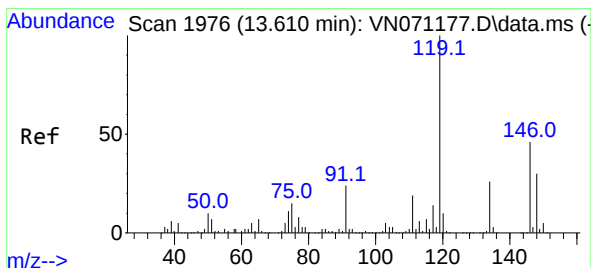
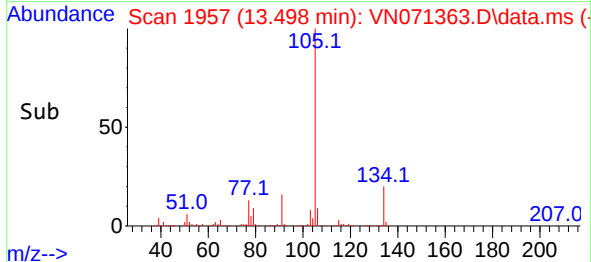
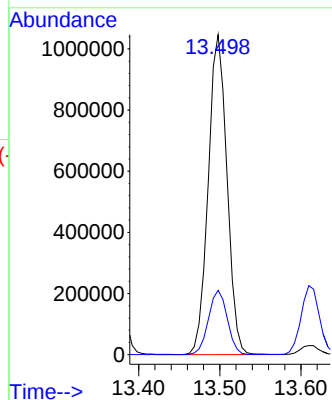
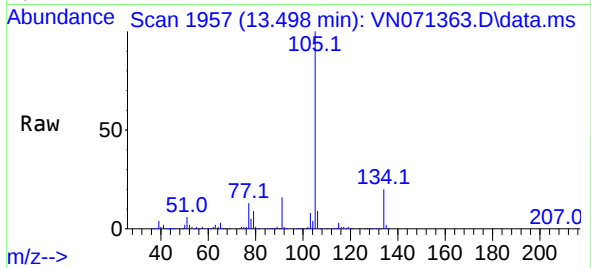
VSTDCCC050

Tgt Ion:105 Resp: 1676820
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations

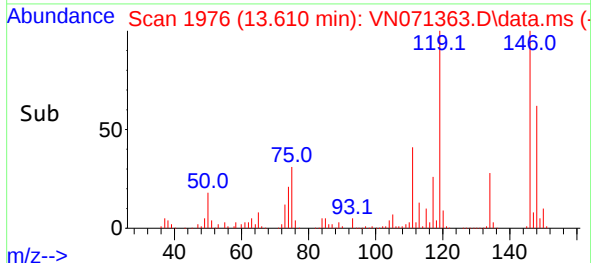
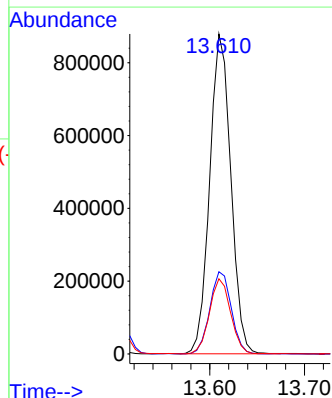
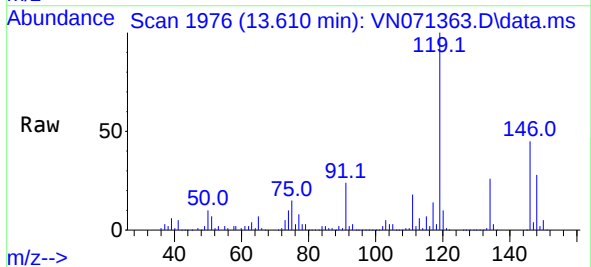
APPROVED

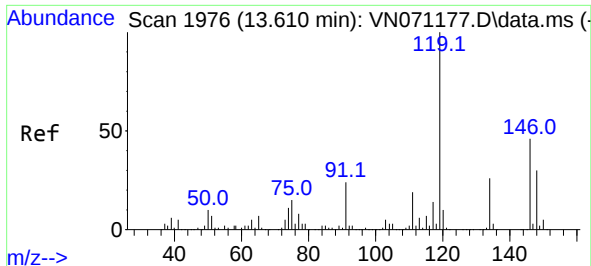
Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#86
 p-Isopropyltoluene
 Concen: 56.598 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071363.D
 Acq: 18 Mar 2022 11:00

Tgt Ion:119 Resp: 1358883
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 23.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 53.133 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 665979

Ion Ratio Lower Upper

146 100

111 41.0 18.6 55.6

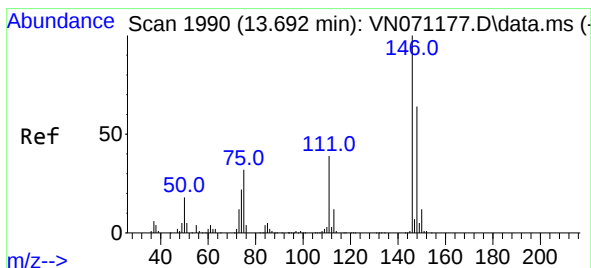
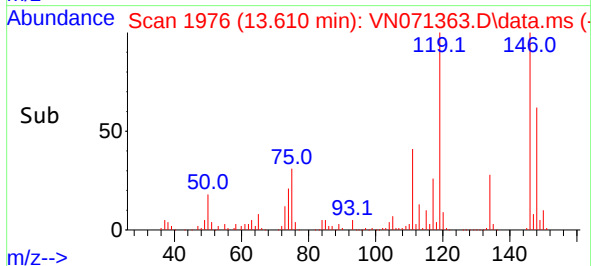
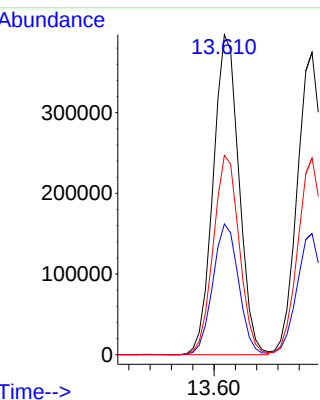
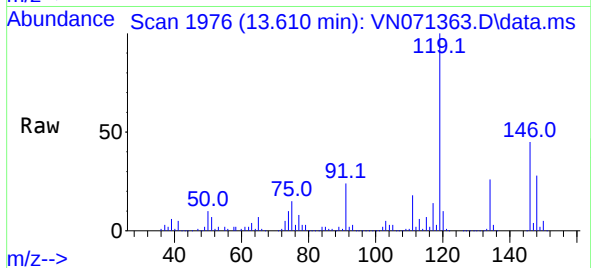
148 62.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#88

1,4-Dichlorobenzene

Concen: 51.944 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN071363.D

Acq: 18 Mar 2022 11:00

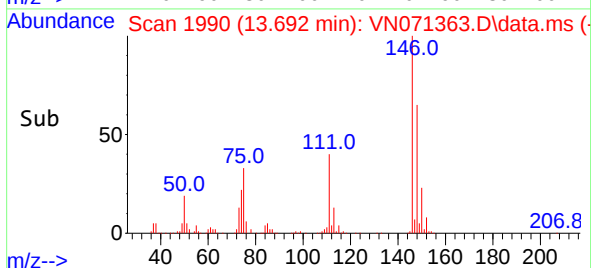
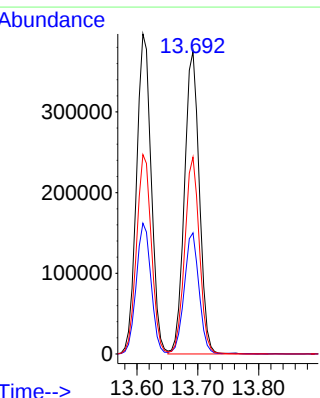
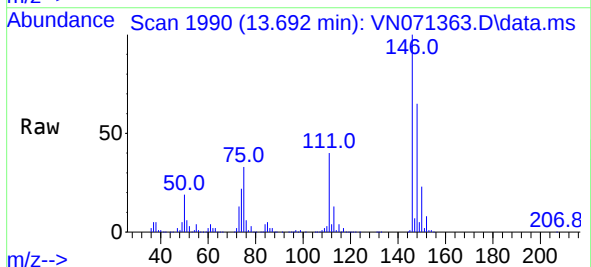
Tgt Ion:146 Resp: 636424

Ion Ratio Lower Upper

146 100

111 39.4 18.3 54.8

148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 57.542 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

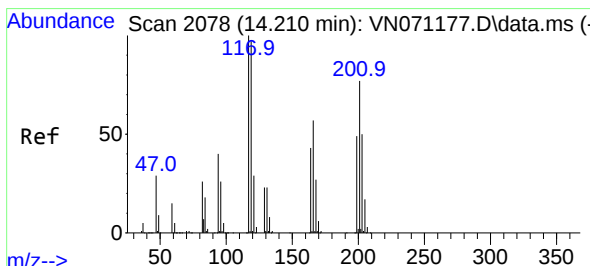
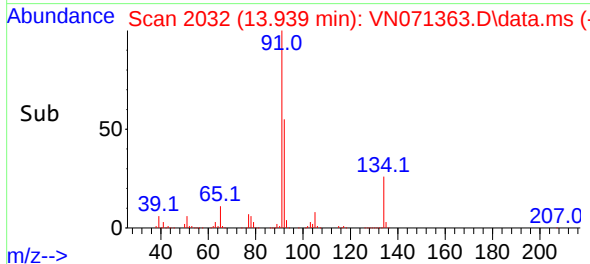
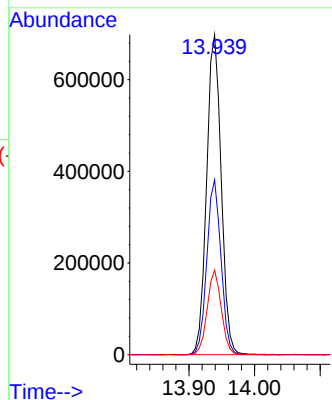
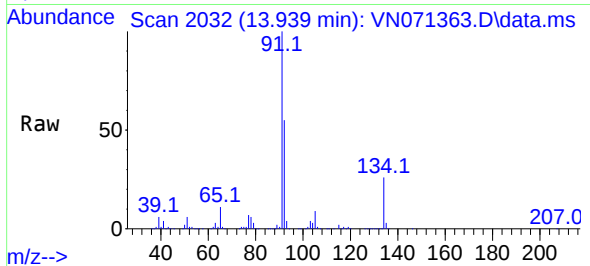
VSTDCCC050

Tgt Ion: 91 Resp: 108057
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 25.6 13.6 40.8

Manual Integrations

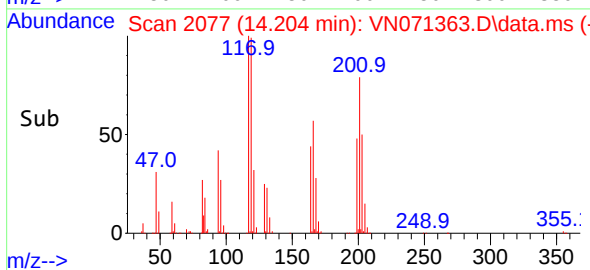
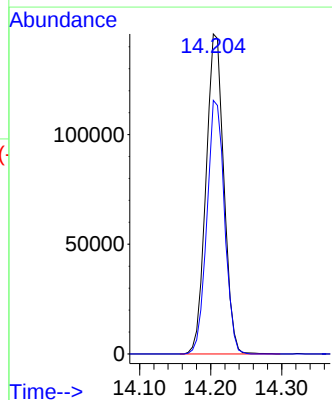
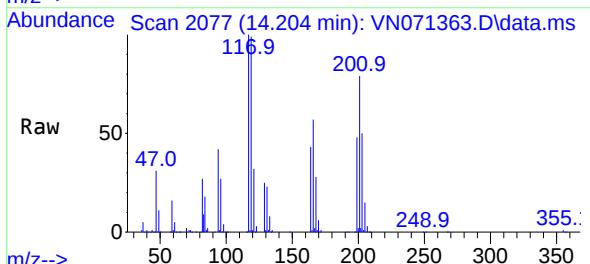
APPROVED

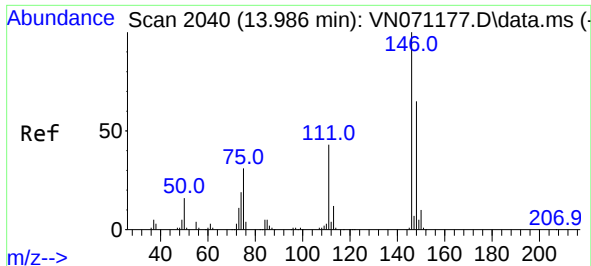
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 53.375 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Tgt Ion:117 Resp: 254843
Ion Ratio Lower Upper
117 100
201 78.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.358 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

Instrument :

MSVOA_N

ClientSampleId :

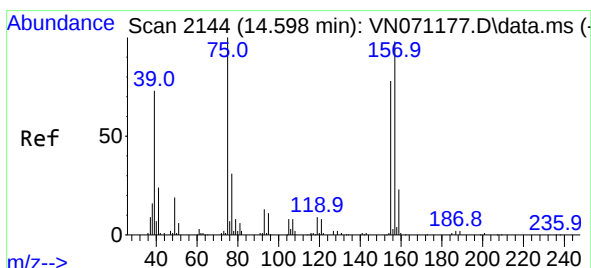
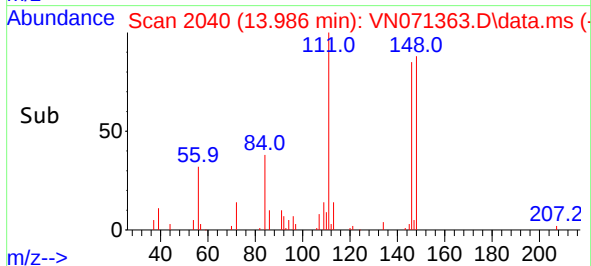
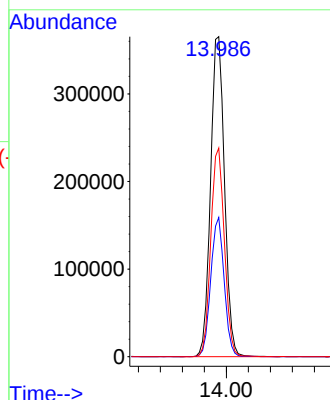
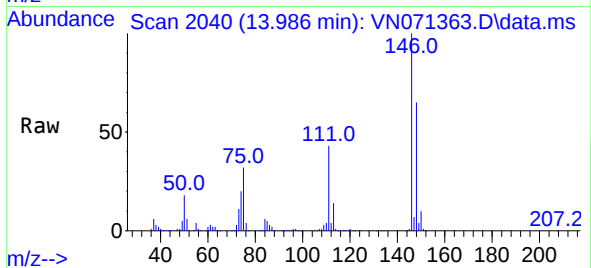
VSTDCCC050

Tgt Ion:146 Resp: 642990
Ion Ratio Lower Upper
146 100
111 41.9 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations

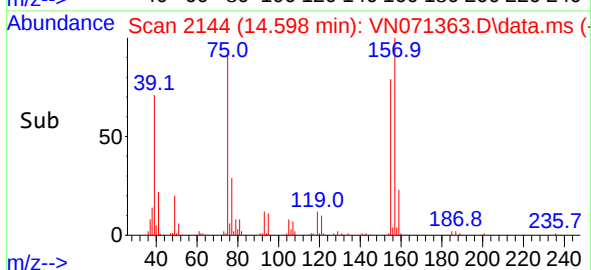
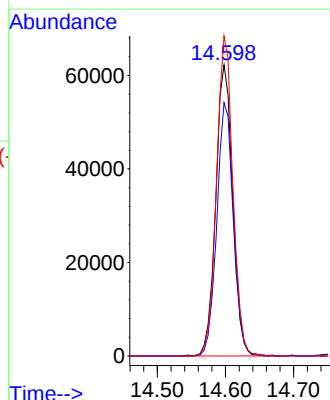
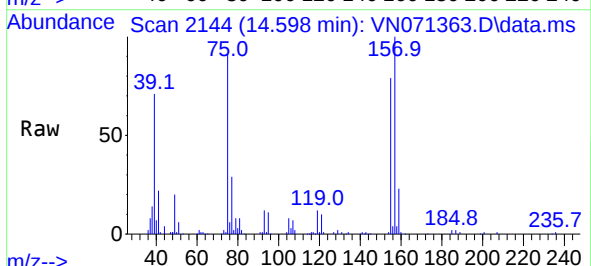
APPROVED

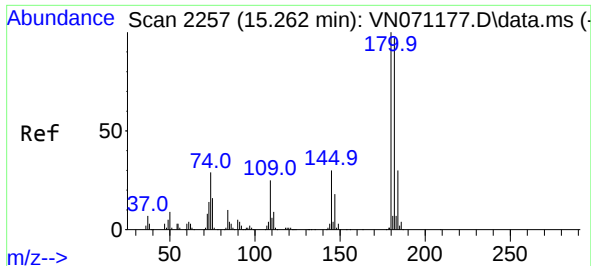
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.794 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

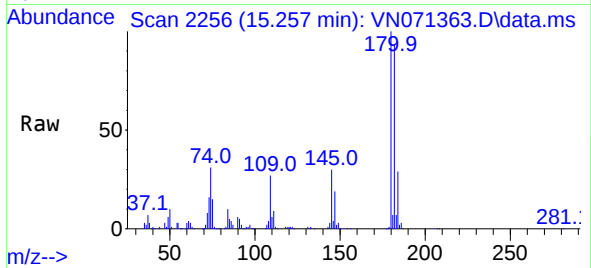
Tgt Ion: 75 Resp: 107393
Ion Ratio Lower Upper
75 100
155 85.2 46.9 140.7
157 106.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 55.776 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

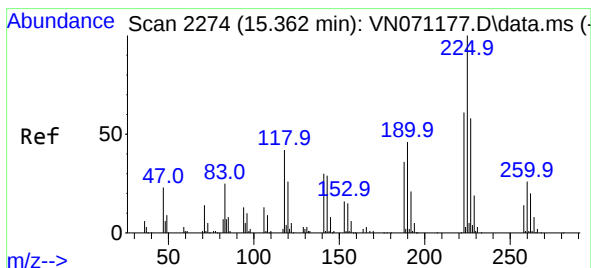
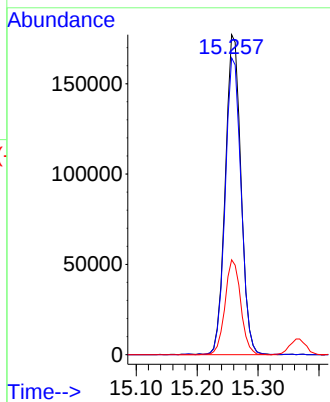
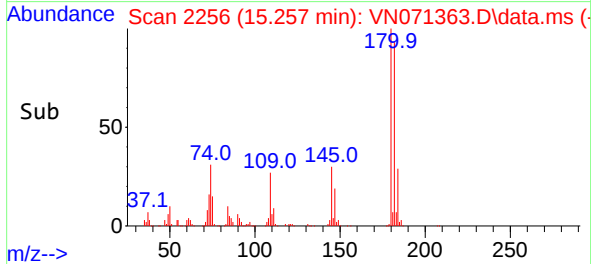
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



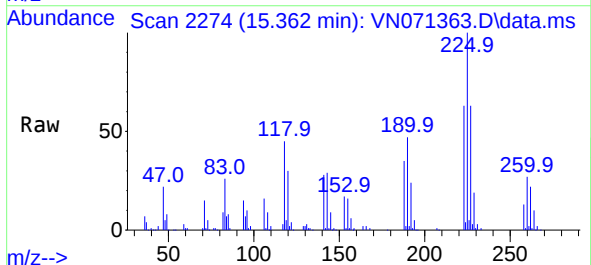
Tgt Ion:180 Resp: 315759
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.9
145 29.8 14.5 43.5

Manual Integrations
APPROVED

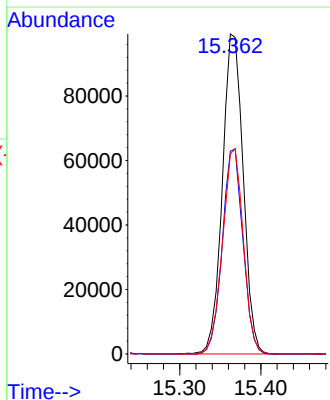
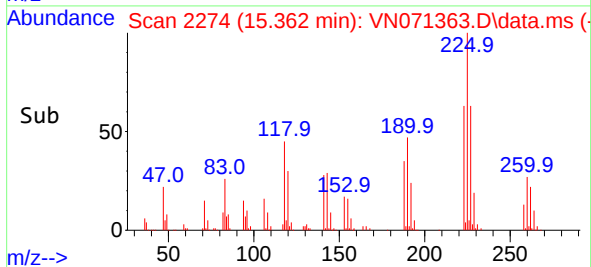
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#94
Hexachlorobutadiene
Concen: 52.203 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



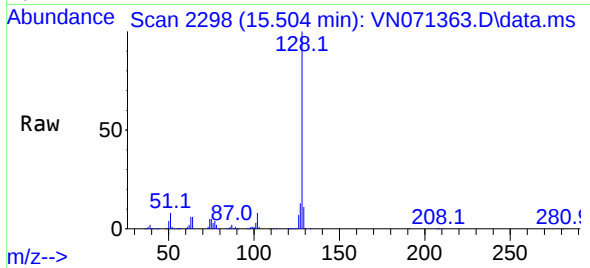
Tgt Ion:225 Resp: 176599
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 60.547 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00

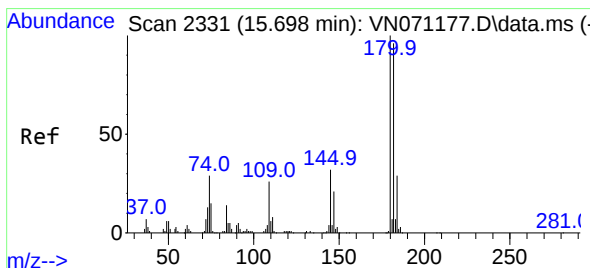
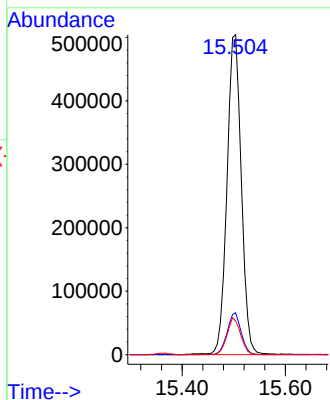
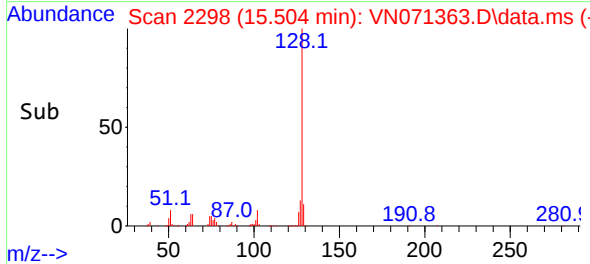
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



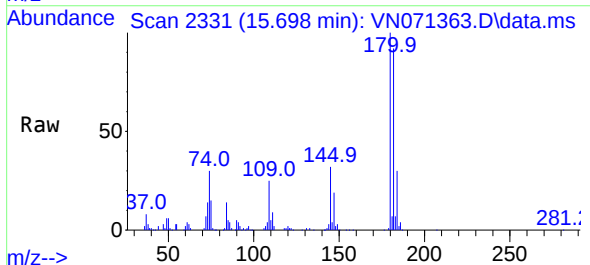
Tgt Ion:128 Resp: 971234
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.944 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071363.D
Acq: 18 Mar 2022 11:00



Tgt Ion:180 Resp: 314662
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.1 15.0 45.1

