

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071415.D
 Acq On : 21 Mar 2022 12:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 21 16:24:12 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	562382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	911888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	847554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	359384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	362399	47.018	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.040%		
35) Dibromofluoromethane	8.016	113	277203	48.173	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.340%		
50) Toluene-d8	10.433	98	1083392	46.761	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.520%		
62) 4-Bromofluorobenzene	12.727	95	397139	50.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	282079	45.766	ug/l	100
3) Chloromethane	2.298	50	386418	46.697	ug/l	98
4) Vinyl Chloride	2.440	62	358374	47.445	ug/l	100
5) Bromomethane	2.822	94	168071	49.806	ug/l	96
6) Chloroethane	2.993	64	210054	45.920	ug/l	98
7) Trichlorofluoromethane	3.363	101	498647	50.156	ug/l	96
8) Diethyl Ether	3.822	74	219907	51.689	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	300925	52.286	ug/l	94
10) Methyl Iodide	4.416	142	385853	47.466	ug/l	99
11) Tert butyl alcohol	5.363	59	386744	255.421	ug/l	98
12) 1,1-Dichloroethene	4.175	96	280222	49.702	ug/l	94
13) Acrolein	4.040	56	352856	220.172	ug/l	100
14) Allyl chloride	4.834	41	625466	51.006	ug/l	87
15) Acrylonitrile	5.545	53	1156682	257.272	ug/l	99
16) Acetone	4.275	43	1233120	328.806	ug/l	97
17) Carbon Disulfide	4.528	76	684994	42.676	ug/l	98
18) Methyl Acetate	4.845	43	543811	53.955	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1139432	53.827	ug/l	95
20) Methylene Chloride	5.087	84	354658	51.729	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	307066	49.792	ug/l	92
22) Diisopropyl ether	6.486	45	1306597	54.084	ug/l	92
23) Vinyl Acetate	6.428	43	5638400	275.686	ug/l	98
24) 1,1-Dichloroethane	6.381	63	666959	52.246	ug/l	99
25) 2-Butanone	7.328	43	1678827	277.892	ug/l	97
26) 2,2-Dichloropropane	7.316	77	547760	55.619	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	377815	51.619	ug/l	89
28) Bromochloromethane	7.651	49	255453	44.936	ug/l #	81
29) Tetrahydrofuran	7.675	42	1066892	254.916	ug/l	91
30) Chloroform	7.810	83	641442	52.683	ug/l	100
31) Cyclohexane	8.092	56	600723	48.806	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	552472	53.269	ug/l	97
36) 1,1-Dichloropropene	8.216	75	476625	51.696	ug/l	96
37) Ethyl Acetate	7.404	43	627699	49.470	ug/l	97
38) Carbon Tetrachloride	8.204	117	466040	52.260	ug/l	99
39) Methylcyclohexane	9.451	83	582624	53.717	ug/l	93
40) Benzene	8.457	78	1447240	52.100	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	320607	51.631	ug/l	91
42) 1,2-Dichloroethane	8.522	62	524225	54.231	ug/l	99
43) Isopropyl Acetate	8.551	43	995078	52.443	ug/l	96
44) Trichloroethene	9.210	130	344469	52.557	ug/l	96
45) 1,2-Dichloropropane	9.486	63	393312	52.745	ug/l	99
46) Dibromomethane	9.574	93	243635	53.084	ug/l	96
47) Bromodichloromethane	9.757	83	503014	54.232	ug/l	99
48) Methyl methacrylate	9.557	41	485192	55.178	ug/l #	81
49) 1,4-Dioxane	9.563	88	174792	1143.592	ug/l #	88
51) 4-Methyl-2-Pentanone	10.327	43	3225991	273.952	ug/l	100
52) Toluene	10.498	92	905810	52.955	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	568670	55.619	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	619889	55.488	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	362210	52.844	ug/l	98
56) Ethyl methacrylate	10.757	69	631965	56.458	ug/l	91
57) 1,3-Dichloropropane	11.039	76	653557	53.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	685838	286.995	ug/l	94
59) 2-Hexanone	11.080	43	2401932	298.944	ug/l	100
60) Dibromochloromethane	11.233	129	379131	55.670	ug/l	99
61) 1,2-Dibromoethane	11.339	107	360518	51.464	ug/l	99
64) Tetrachloroethene	10.974	164	294183	49.767	ug/l	96
65) Chlorobenzene	11.763	112	959821	52.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	362108	54.256	ug/l	99
67) Ethyl Benzene	11.839	91	1776146	55.189	ug/l	98
68) m/p-Xylenes	11.945	106	1331942	113.132	ug/l	97
69) o-Xylene	12.274	106	665369	56.380	ug/l	97
70) Styrene	12.292	104	1079982	59.118	ug/l	97
71) Bromoform	12.451	173	288714	56.963	ug/l #	99
73) Isopropylbenzene	12.574	105	1745796	50.392	ug/l	99
74) N-amyl acetate	12.380	43	716138	54.977	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	567589	55.410	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	524113m	60.780	ug/l	
77) Bromobenzene	12.857	156	400324	49.554	ug/l	80
78) n-propylbenzene	12.915	91	1983439	53.353	ug/l	97
79) 2-Chlorotoluene	13.004	91	1201287	50.339	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1396135	51.799	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	181912	54.718	ug/l	92
82) 4-Chlorotoluene	13.098	91	1145181	53.875	ug/l	94
83) tert-Butylbenzene	13.321	119	1271613	52.866	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1379831	53.447	ug/l	100
85) sec-Butylbenzene	13.498	105	1757144	54.960	ug/l	98
86) p-Isopropyltoluene	13.610	119	1427165	56.761	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	681417	51.913	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	649272	50.602	ug/l	98
89) n-Butylbenzene	13.939	91	1117618	56.831	ug/l	96
90) Hexachloroethane	14.204	117	262350	52.469	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	652660	51.718	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105873	52.524	ug/l	86
93) 1,2,4-Trichlorobenzene	15.256	180	315363	53.333	ug/l	99
94) Hexachlorobutadiene	15.362	225	183681	51.848	ug/l	100
95) Naphthalene	15.504	128	957067	57.272	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	319511	56.266	ug/l	99

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VSTDCCC050

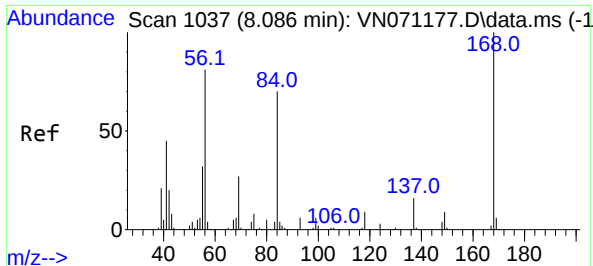
Manual Integrations
APPROVED

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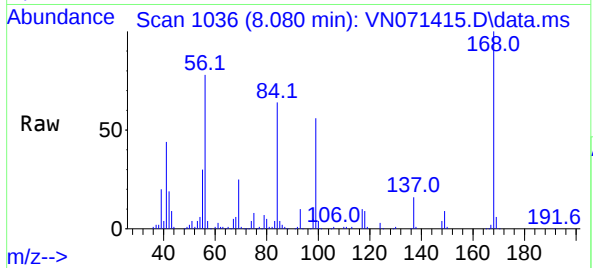
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
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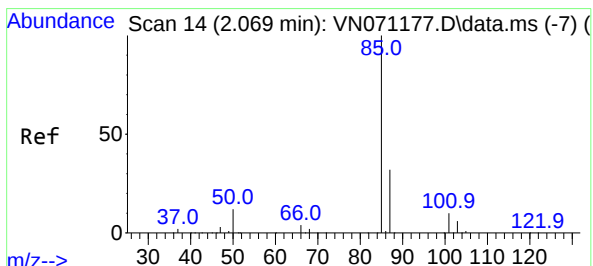
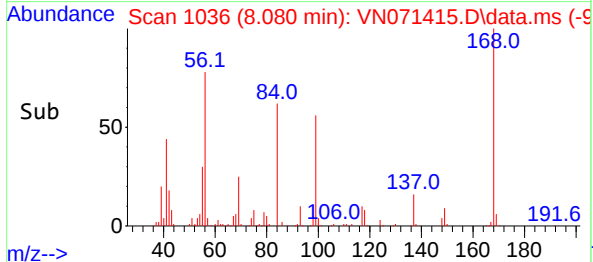
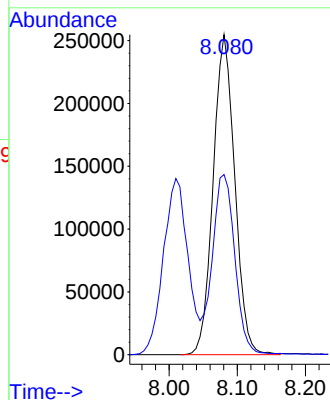
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 56238
Ion Ratio Lower Upper
168 100
99 55.9 41.3 61.9

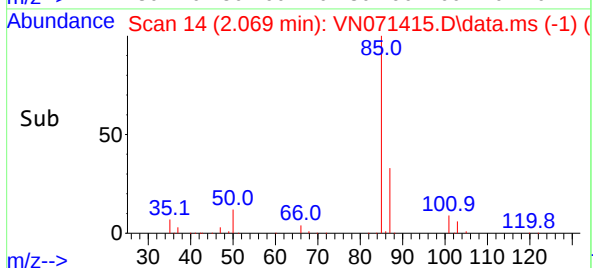
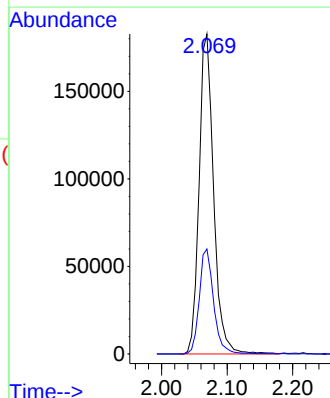
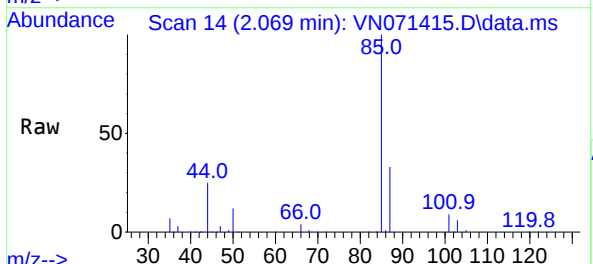
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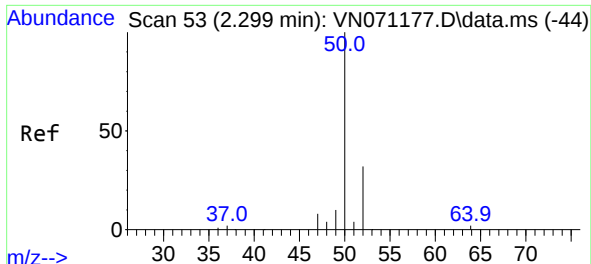
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#2
Dichlorodifluoromethane
Concen: 45.766 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion: 85 Resp: 282079
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9





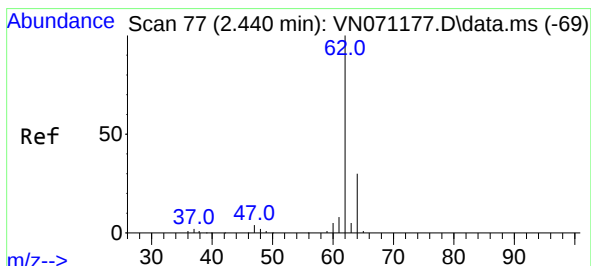
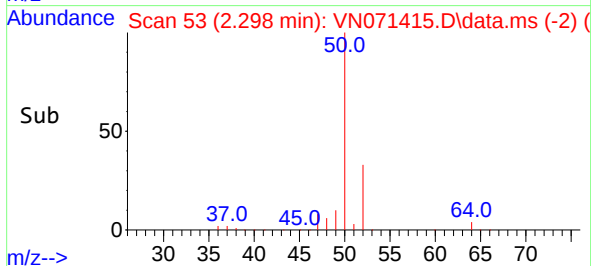
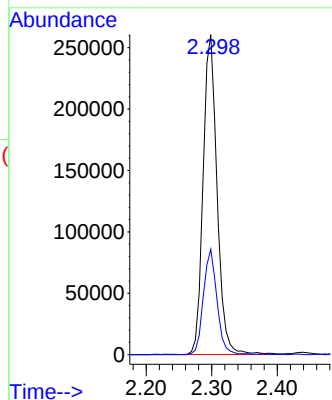
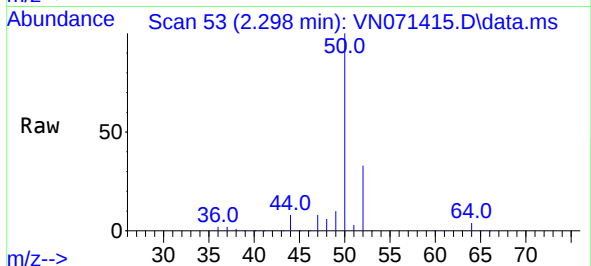
#3
Chloromethane
Concen: 46.697 ug/l
RT: 2.298 min Scan# 50
Delta R.T. -0.001 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

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Tgt Ion: 50 Resp: 386418
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

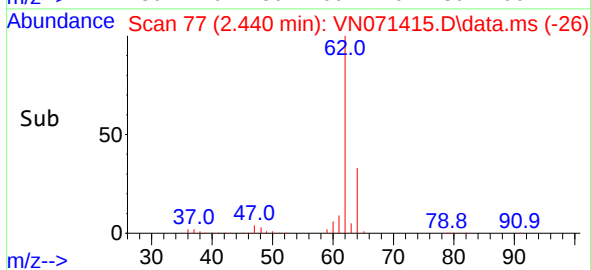
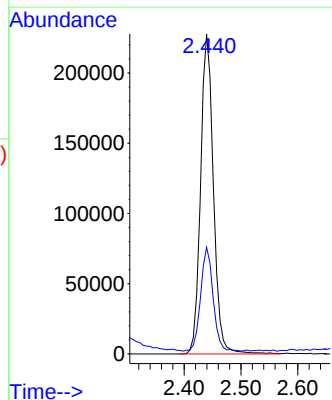
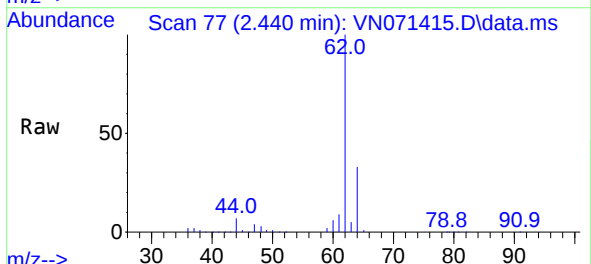
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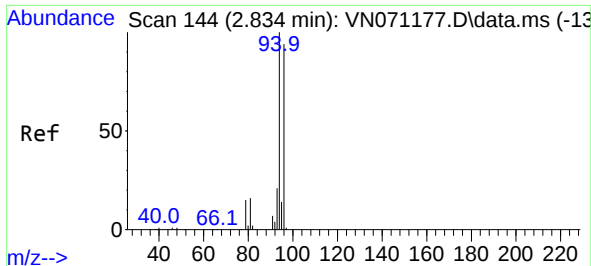
Reviewed By :John Carlone 03/22/2022
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#4
Vinyl Chloride
Concen: 47.445 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

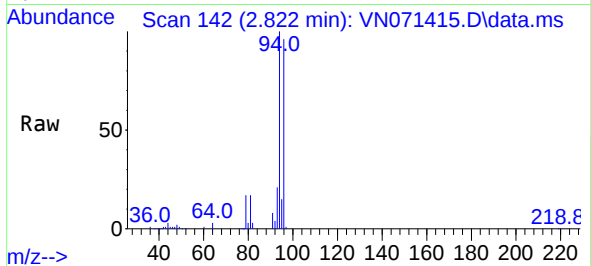
Tgt Ion: 62 Resp: 358374
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 49.806 ug/l
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN071415.D
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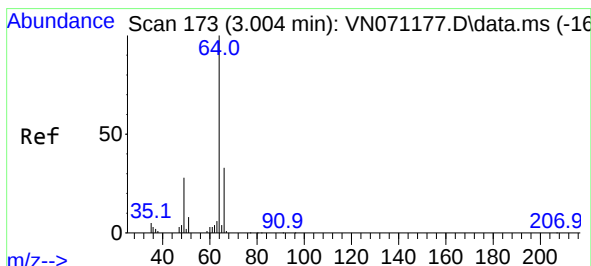
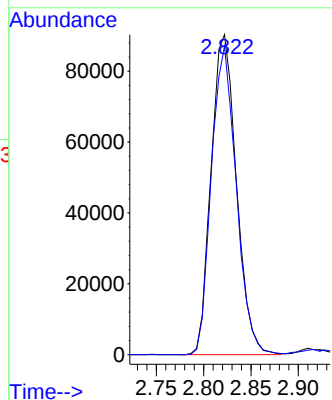
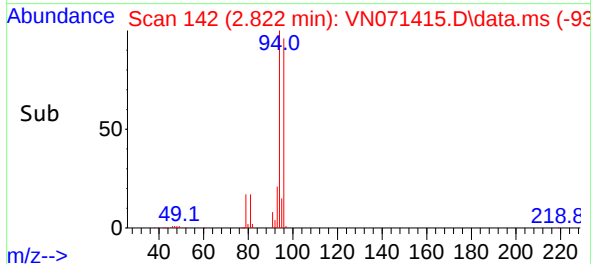
Instrument :
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Tgt Ion: 94 Resp: 16807
Ion Ratio Lower Upper
94 100
96 96.4 73.8 110.8

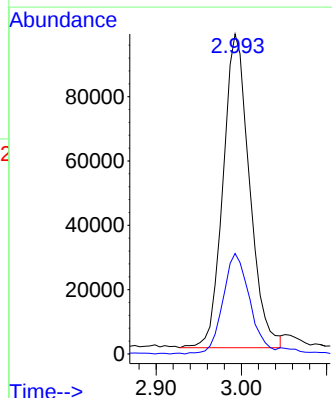
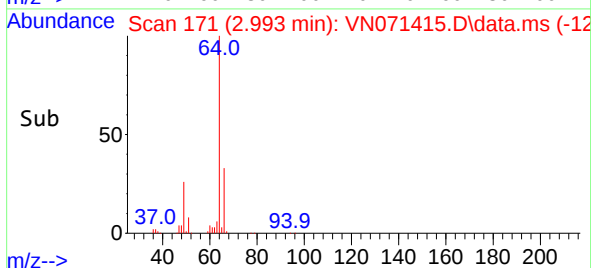
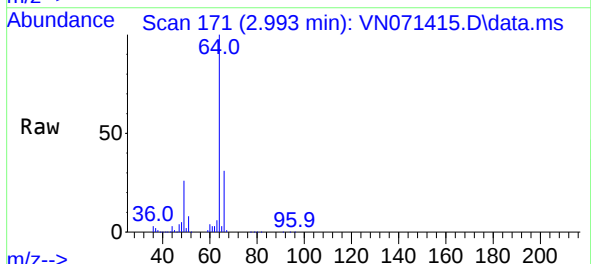
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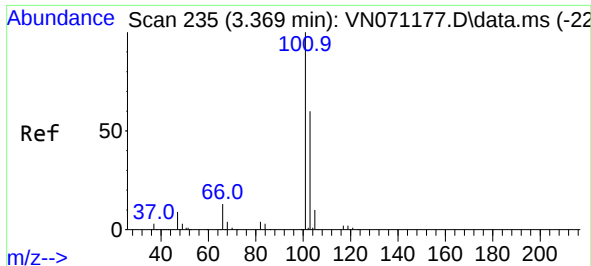
Reviewed By :John Carlone 03/22/2022
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#6
Chloroethane
Concen: 45.920 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.011 min
Lab File: VN071415.D
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Tgt Ion: 64 Resp: 210054
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





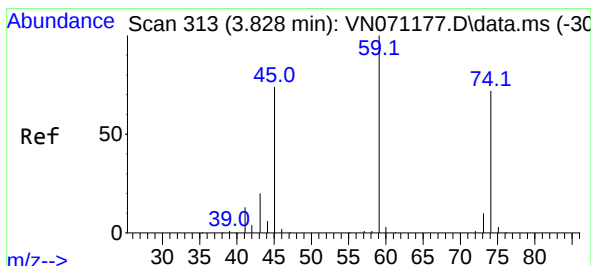
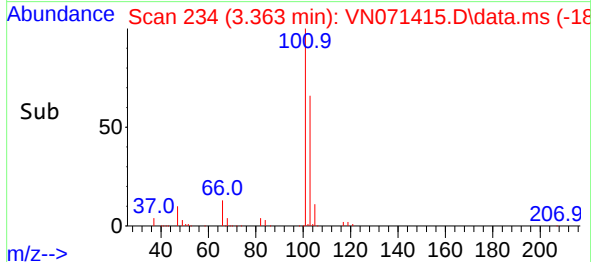
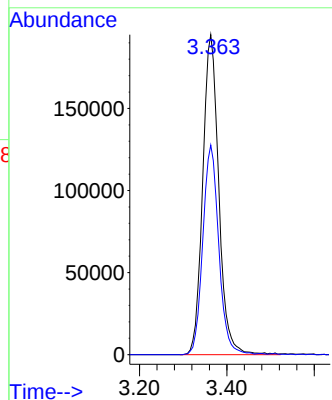
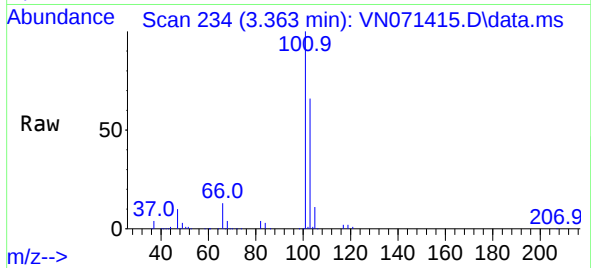
#7
Trichlorofluoromethane
Concen: 50.156 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 49864
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

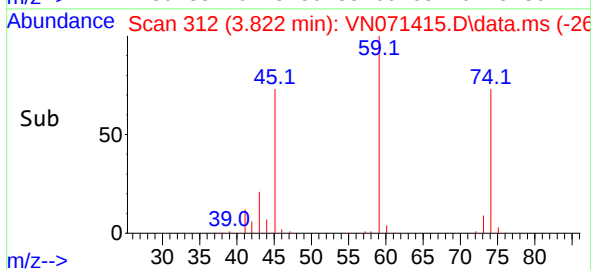
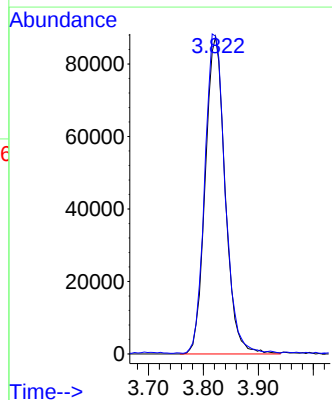
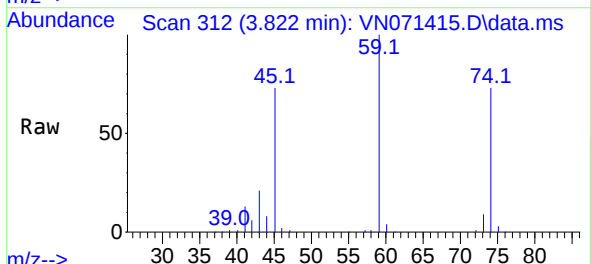
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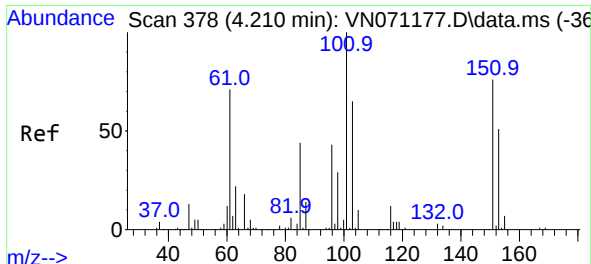
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#8
Diethyl Ether
Concen: 51.689 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

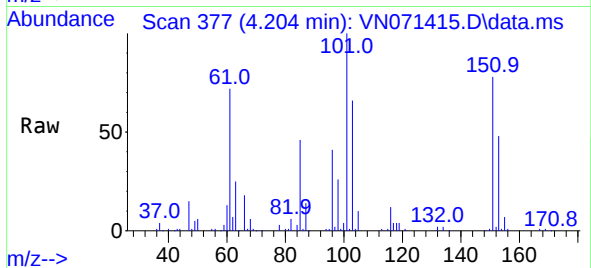
Tgt Ion: 74 Resp: 219907
Ion Ratio Lower Upper
74 100
45 102.6 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.286 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071415.D
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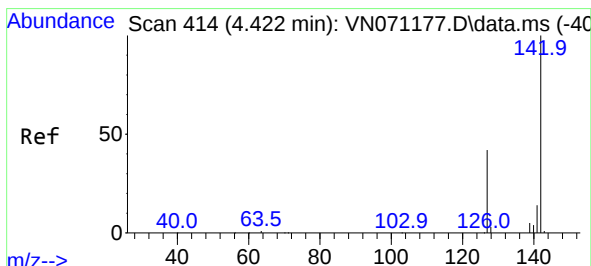
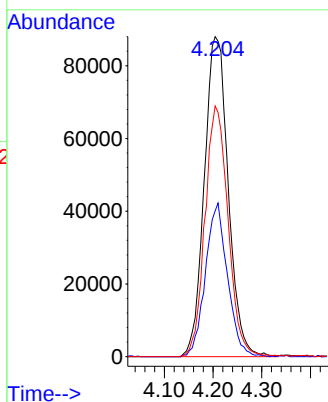
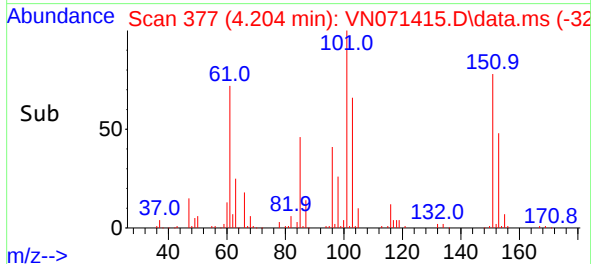
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



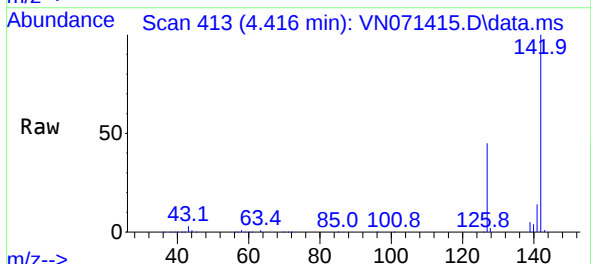
Tgt Ion:101 Resp: 300925
Ion Ratio Lower Upper
101 100
85 44.2 37.2 55.8
151 75.5 65.9 98.9

Manual Integrations
APPROVED

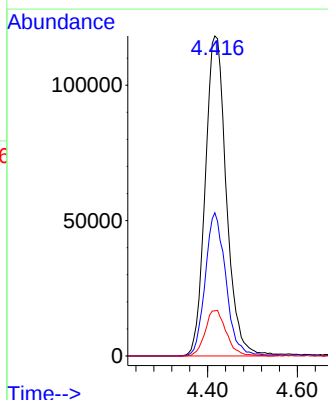
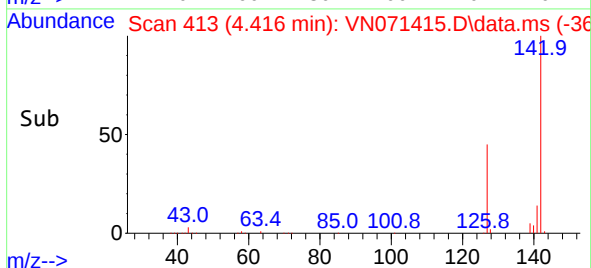
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

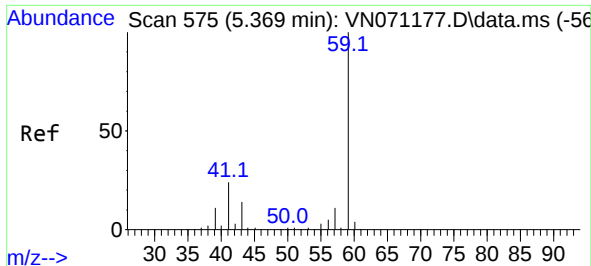


#10
Methyl Iodide
Concen: 47.466 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



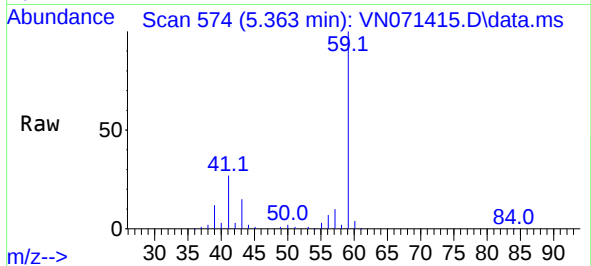
Tgt Ion:142 Resp: 385853
Ion Ratio Lower Upper
142 100
127 43.7 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 255.421 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

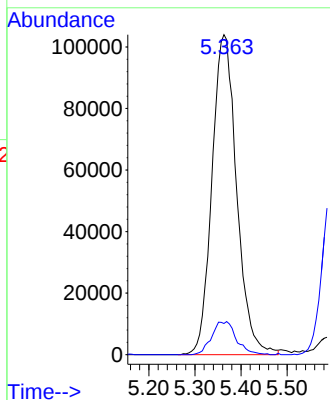
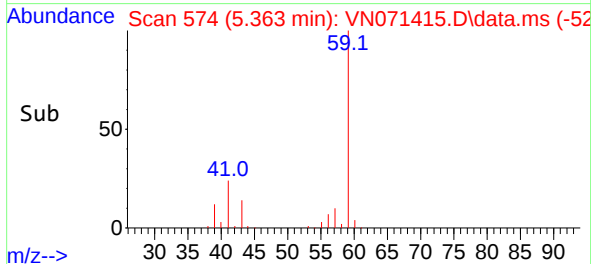
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



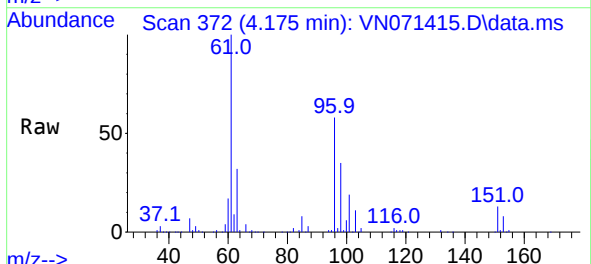
Tgt Ion: 59 Resp: 386744
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

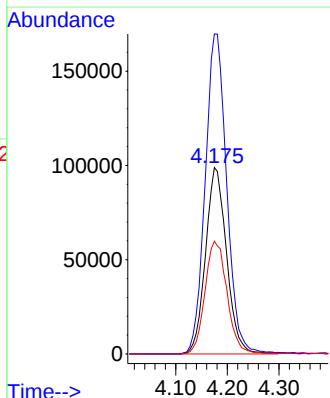
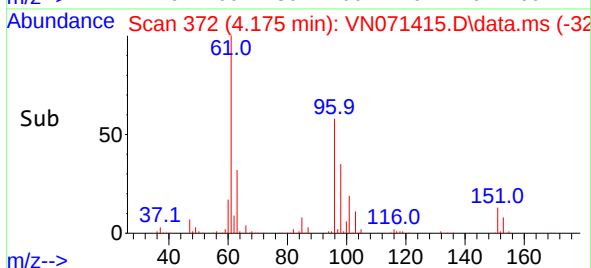
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

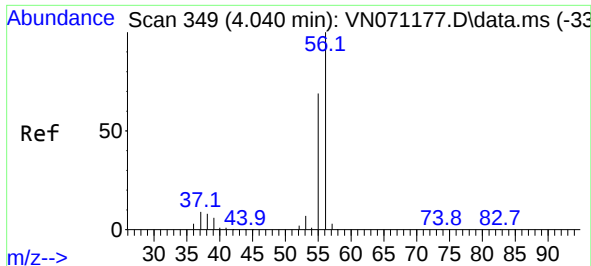


#12
1,1-Dichloroethene
Concen: 49.702 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



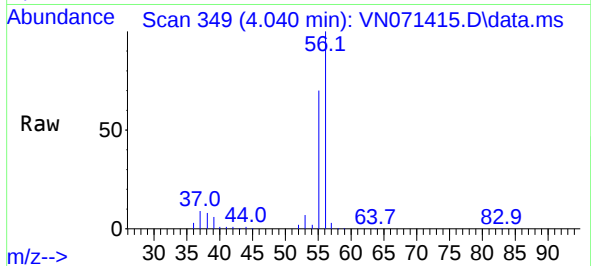
Tgt Ion: 96 Resp: 280222
Ion Ratio Lower Upper
96 100
61 171.7 131.0 196.6
98 60.5 52.4 78.6





#13
Acrolein
Concen: 220.172 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

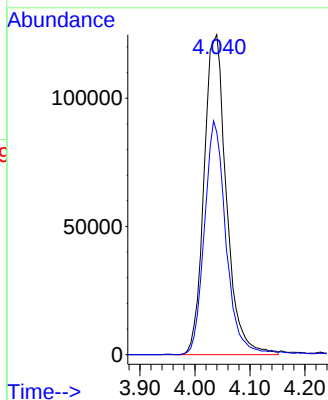
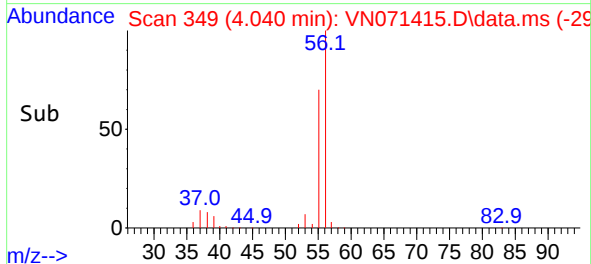
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



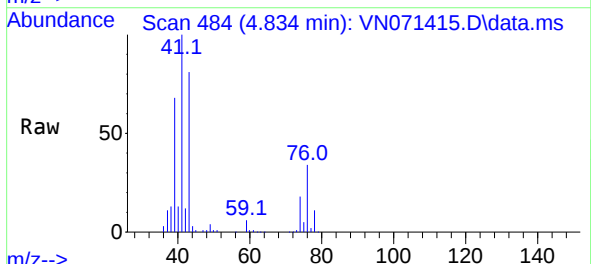
Tgt Ion: 56 Resp: 352850
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

Manual Integrations
APPROVED

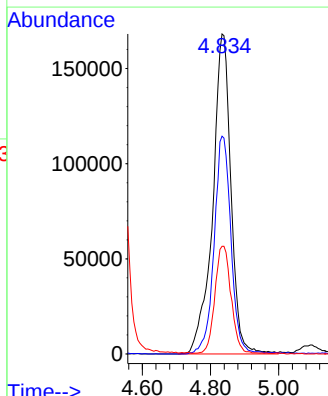
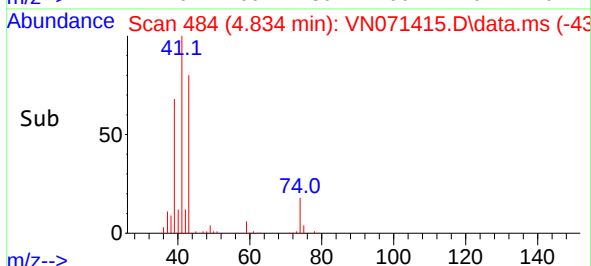
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

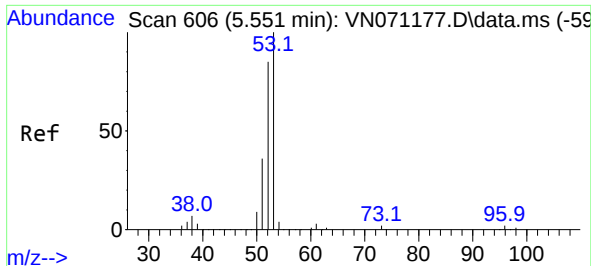


#14
Allyl chloride
Concen: 51.006 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



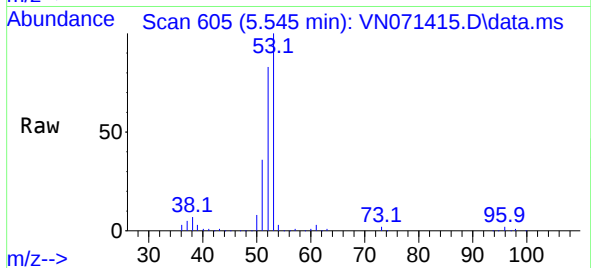
Tgt Ion: 41 Resp: 625466
Ion Ratio Lower Upper
41 100
39 62.8 61.2 91.8
76 29.3 26.0 39.0





#15
Acrylonitrile
Concen: 257.272 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

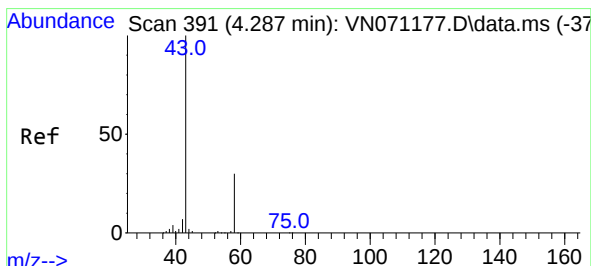
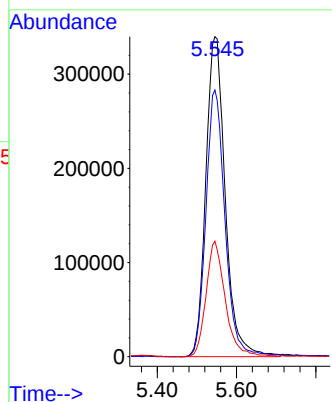
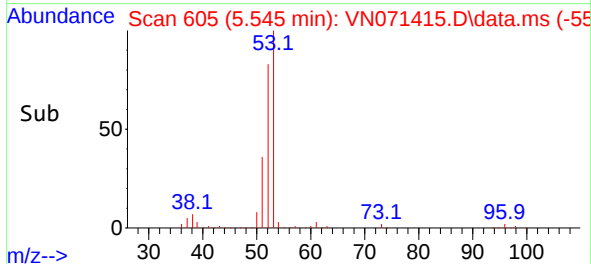
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 115668
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 35.8 29.6 44.4

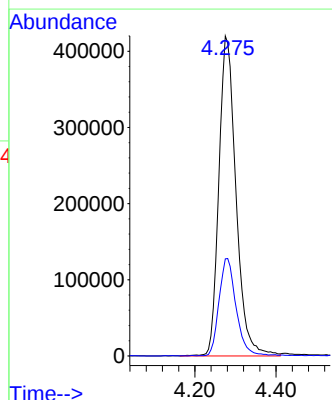
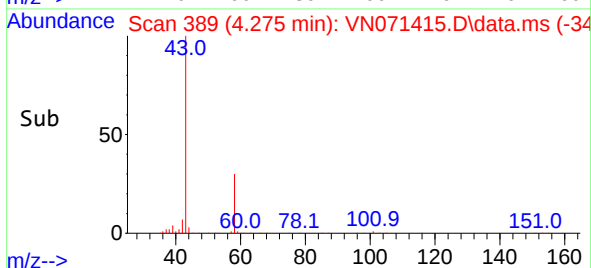
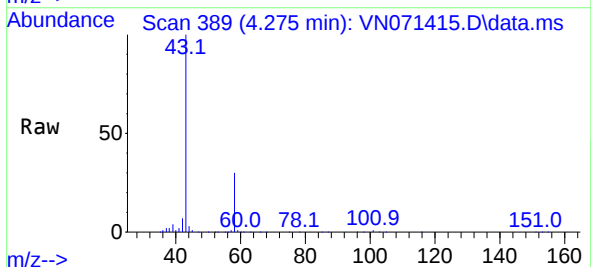
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 328.806 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.012 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

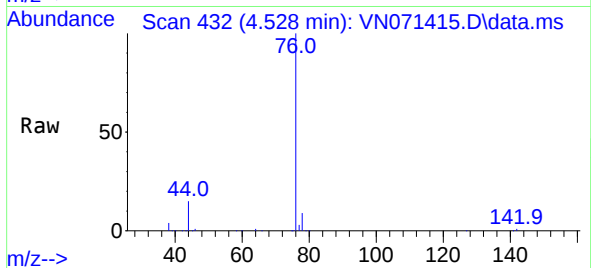
Tgt Ion: 43 Resp: 1233120
Ion Ratio Lower Upper
43 100
58 30.3 23.1 34.7





#17
Carbon Disulfide
Concen: 42.676 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

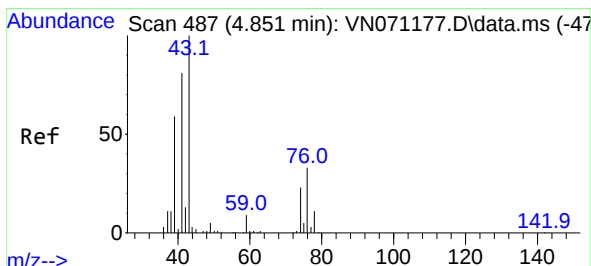
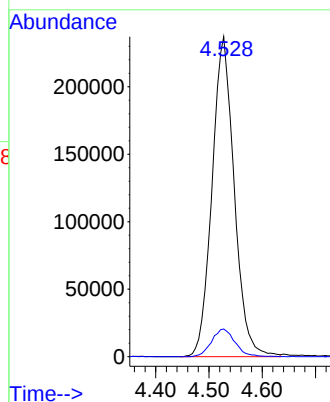
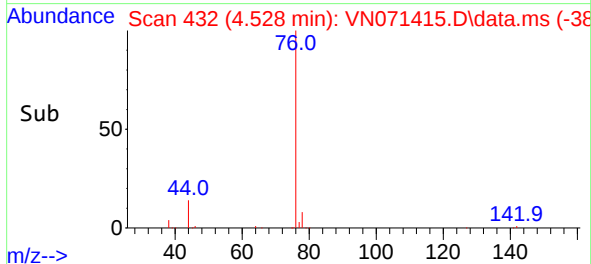
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



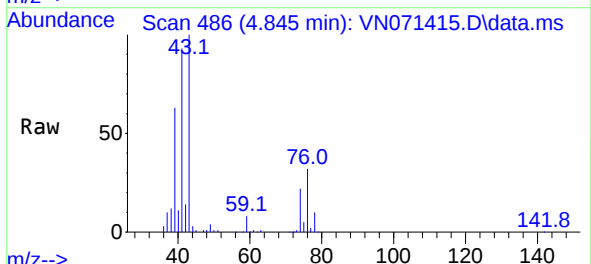
Tgt Ion: 76 Resp: 684994
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

Manual Integrations
APPROVED

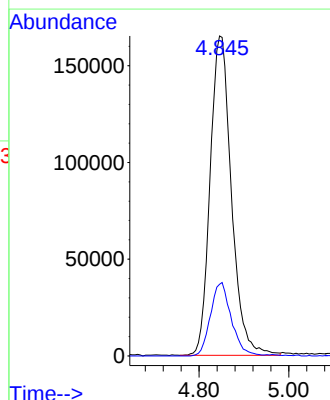
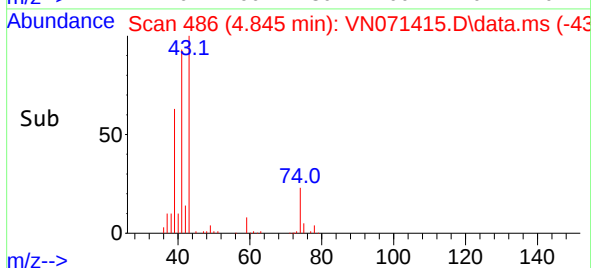
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

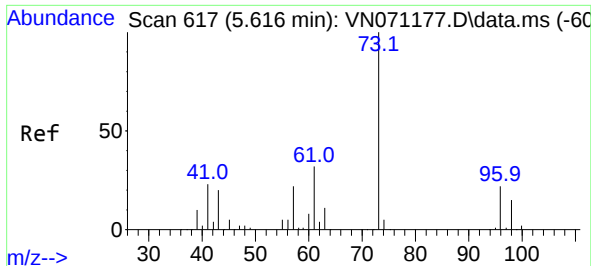


#18
Methyl Acetate
Concen: 53.955 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



Tgt Ion: 43 Resp: 543811
Ion Ratio Lower Upper
43 100
74 22.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 53.827 ug/l

RT: 5.604 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 113943

Ion Ratio Lower Upper

73 100

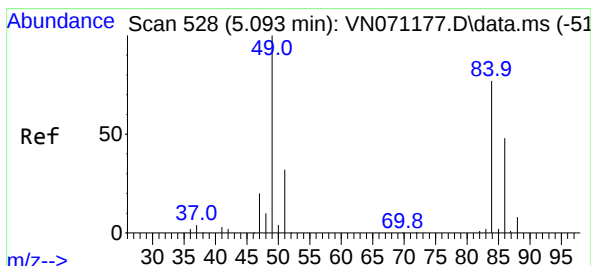
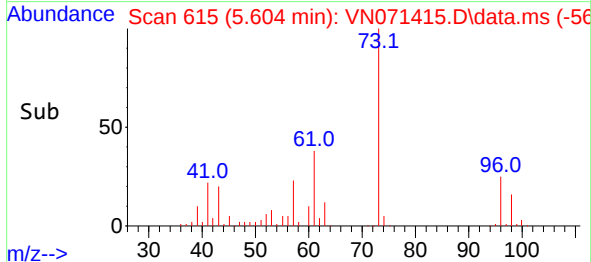
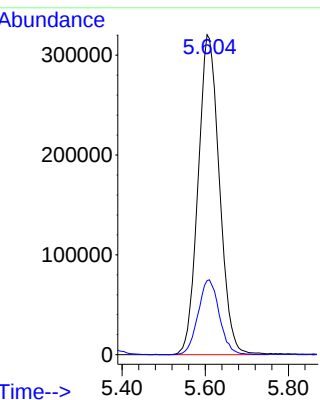
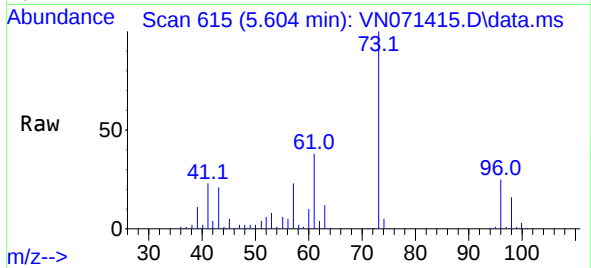
57 23.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#20

Methylene Chloride

Concen: 51.729 ug/l

RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

Tgt Ion: 84 Resp: 354658

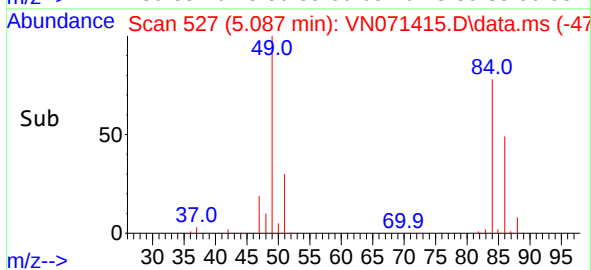
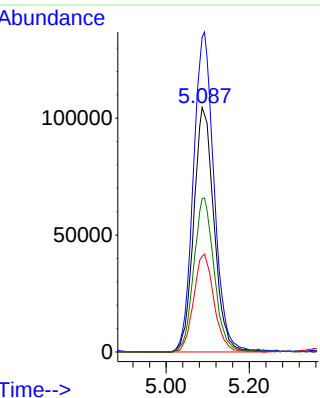
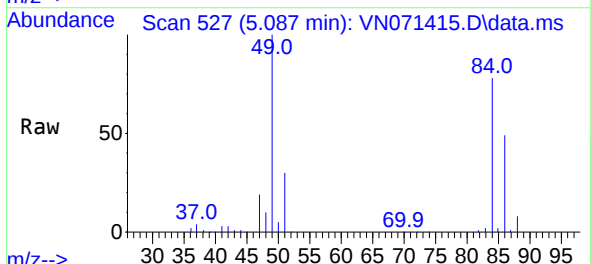
Ion Ratio Lower Upper

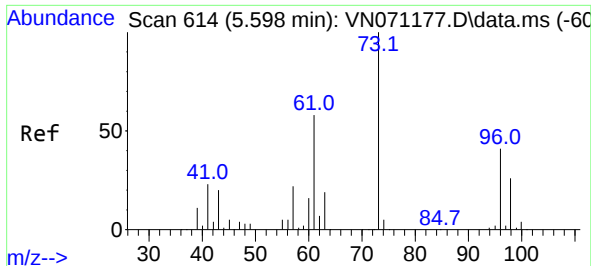
84 100

49 128.8 93.5 140.3

51 39.2 29.4 44.2

86 62.7 53.0 79.4





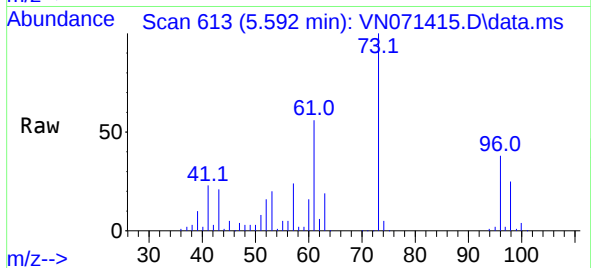
#21
trans-1,2-Dichloroethene
Concen: 49.792 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



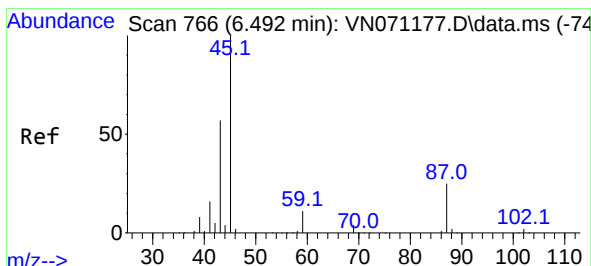
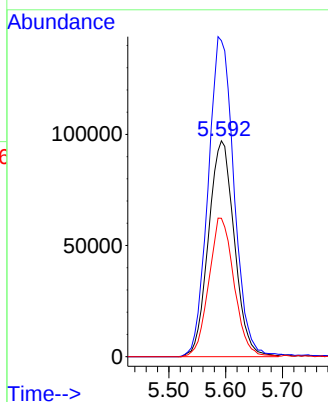
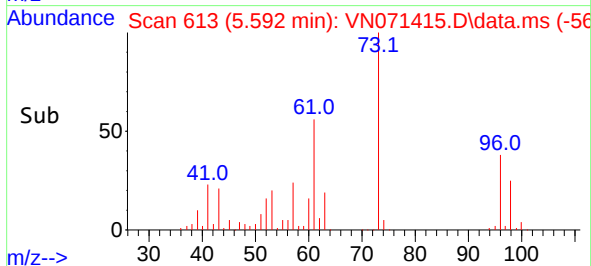
Tgt Ion: 96 Resp: 307060
Ion Ratio Lower Upper
96 100
61 146.4 105.8 158.6
98 64.1 52.0 78.0

Manual Integrations

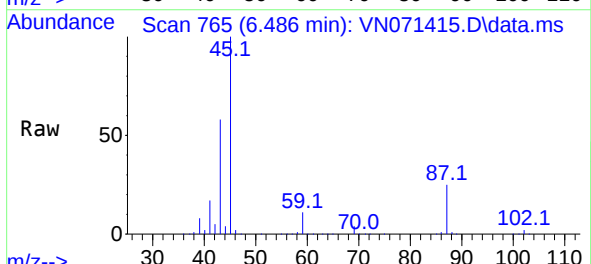
APPROVED

Reviewed By :John Carlone 03/22/2022

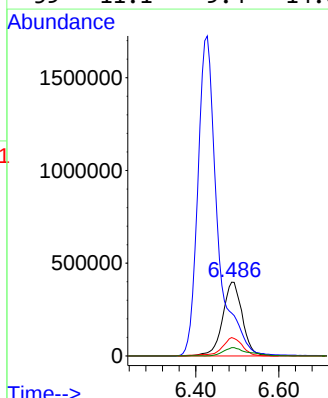
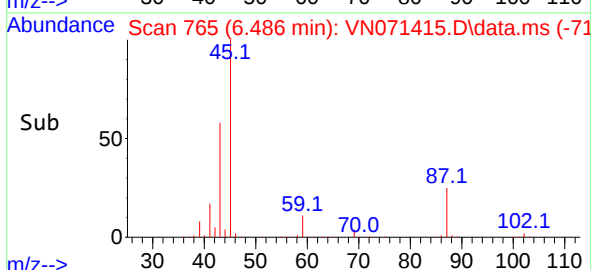
Supervised By :Mahesh Dadoda 03/22/2022

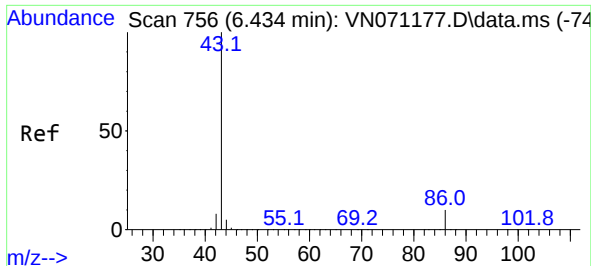


#22
Diisopropyl ether
Concen: 54.084 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



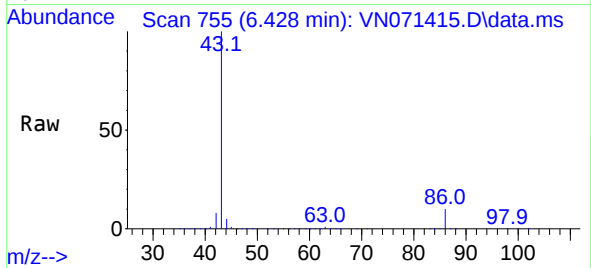
Tgt Ion: 45 Resp: 1306597
Ion Ratio Lower Upper
45 100
43 57.8 51.7 77.5
87 24.9 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 275.686 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN071415.D
 Acq: 21 Mar 2022 12:19

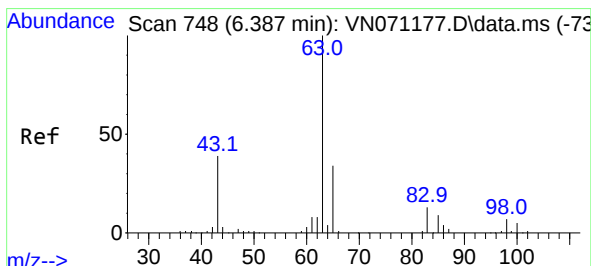
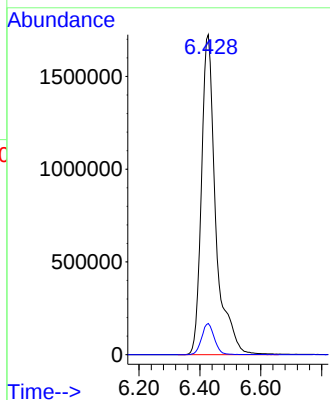
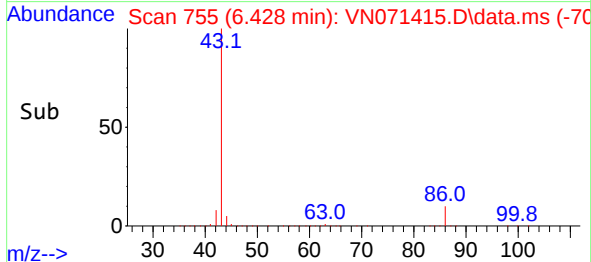
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



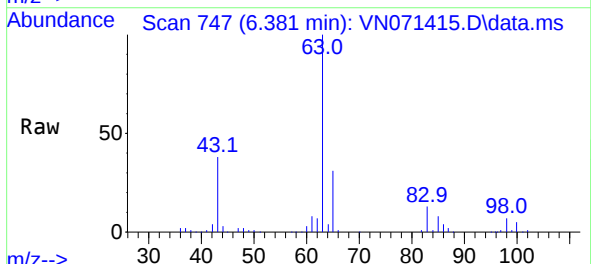
Tgt Ion: 43 Resp: 5638400
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

Manual Integrations
 APPROVED

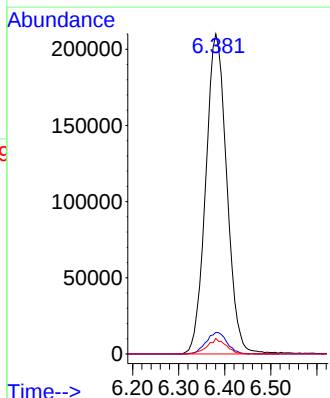
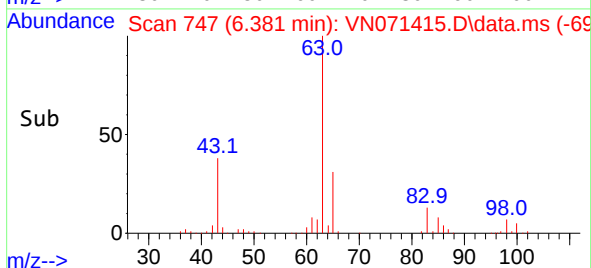
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#24
 1,1-Dichloroethane
 Concen: 52.246 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071415.D
 Acq: 21 Mar 2022 12:19



Tgt Ion: 63 Resp: 666959
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 277.892 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 167882

Ion Ratio Lower Upper

43 100

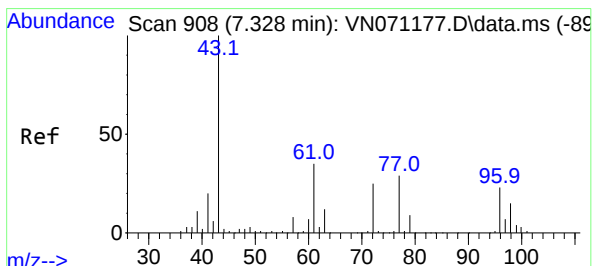
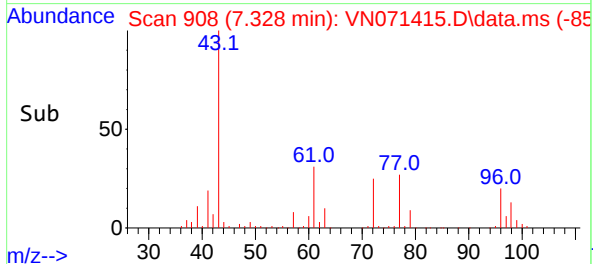
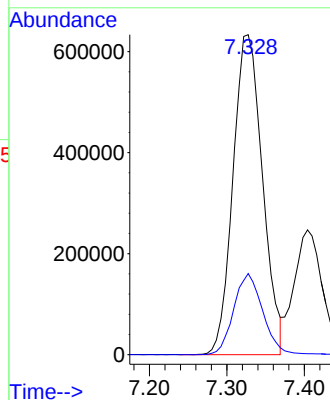
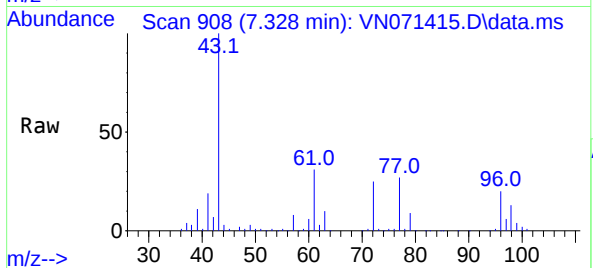
72 25.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#26

2,2-Dichloropropane

Concen: 55.619 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.012 min

Lab File: VN071415.D

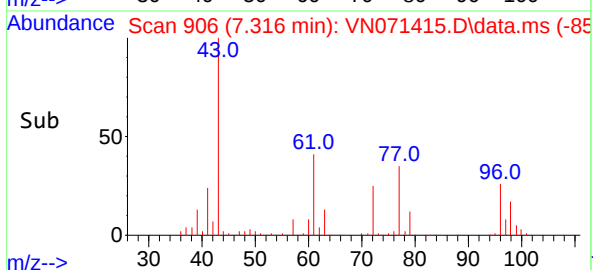
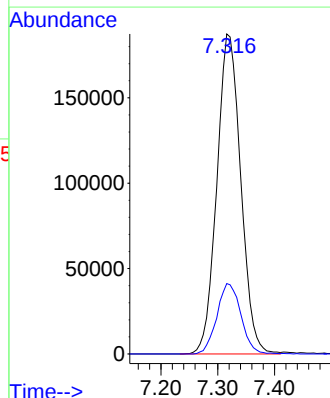
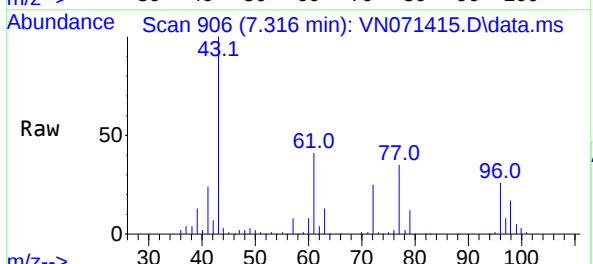
Acq: 21 Mar 2022 12:19

Tgt Ion: 77 Resp: 547760

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.8





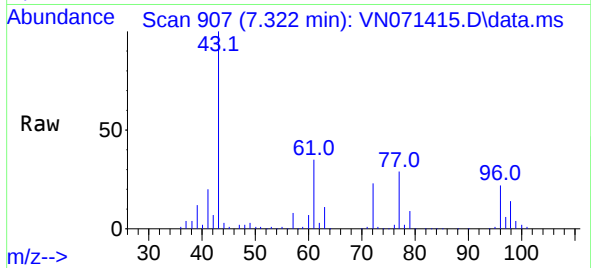
#27
cis-1,2-Dichloroethene
Concen: 51.619 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

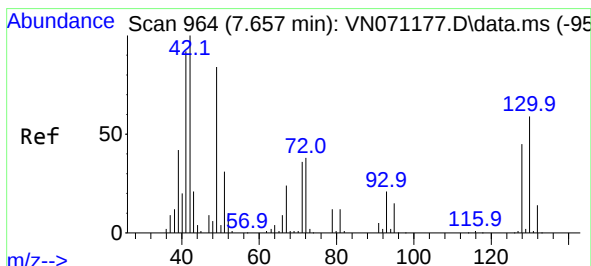
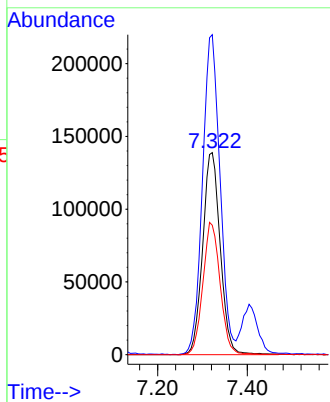
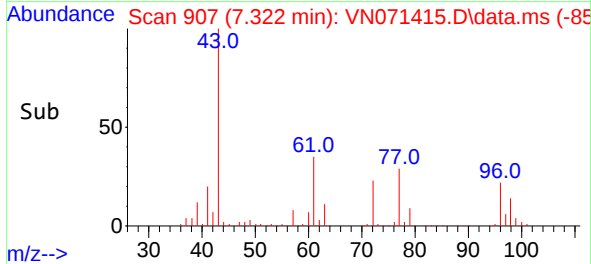


Tgt Ion: 96 Resp: 377815
Ion Ratio Lower Upper
96 100
61 157.6 0.0 275.0
98 64.4 0.0 129.6

Manual Integrations

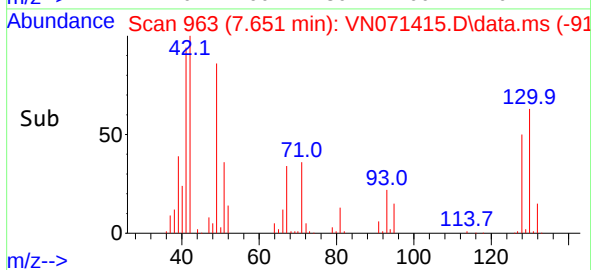
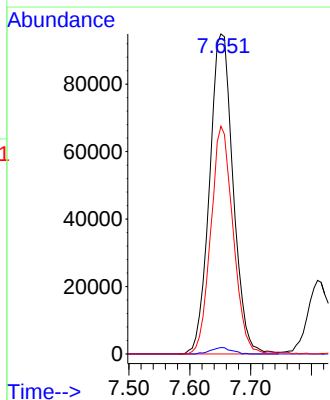
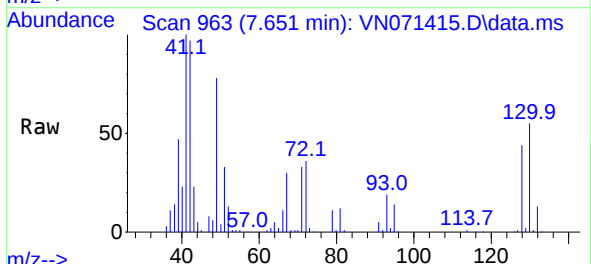
APPROVED

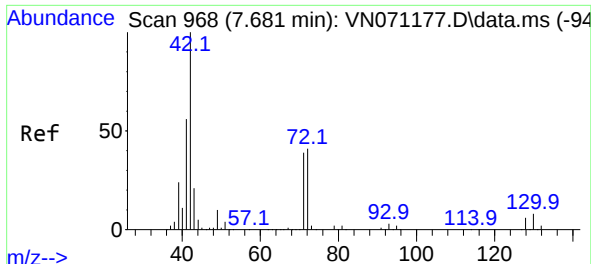
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#28
Bromochloromethane
Concen: 44.936 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

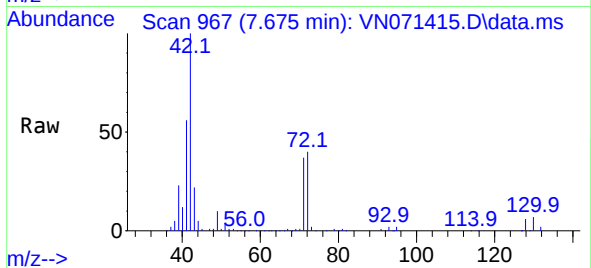
Tgt Ion: 49 Resp: 255453
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 67.2 67.8 101.8#





#29
Tetrahydrofuran
Concen: 254.916 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

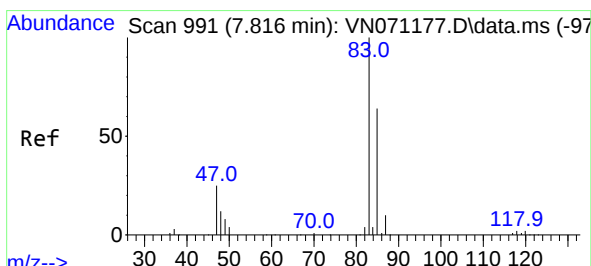
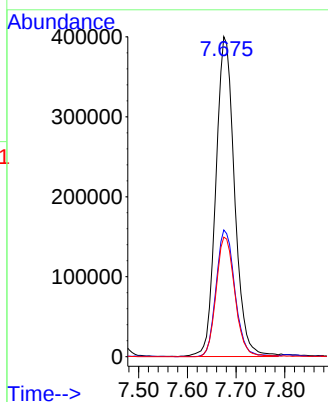
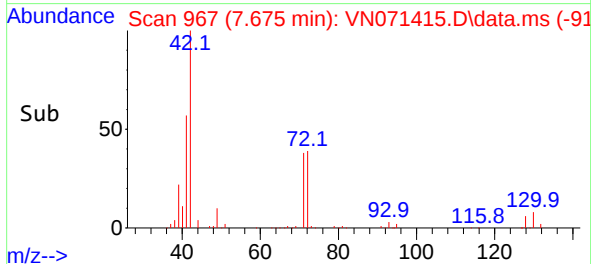
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



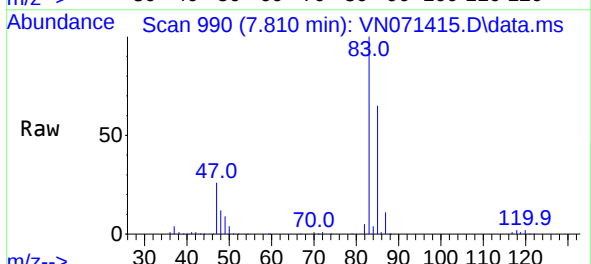
Tgt Ion: 42 Resp: 106689
Ion Ratio Lower Upper
42 100
72 39.6 36.3 54.5
71 37.5 34.7 52.1

Manual Integrations
APPROVED

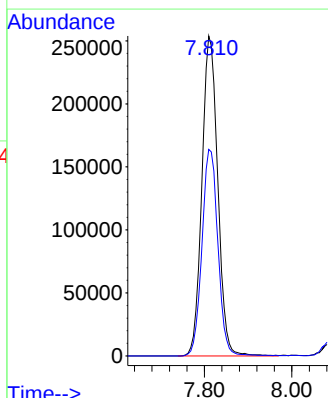
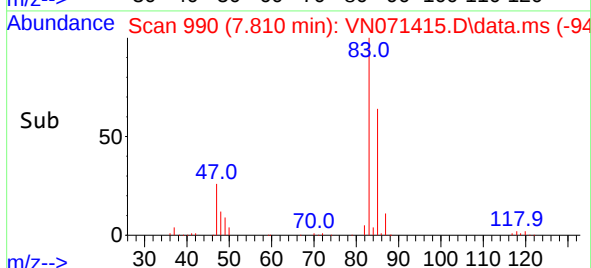
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

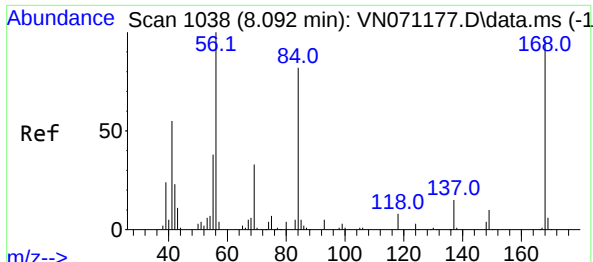


#30
Chloroform
Concen: 52.683 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



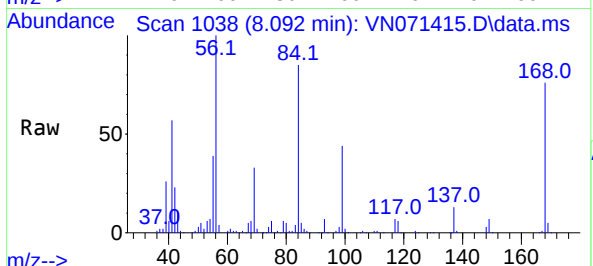
Tgt Ion: 83 Resp: 641442
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 48.806 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

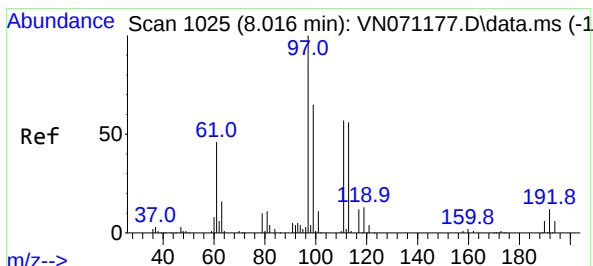
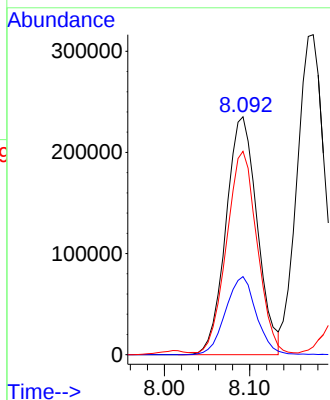
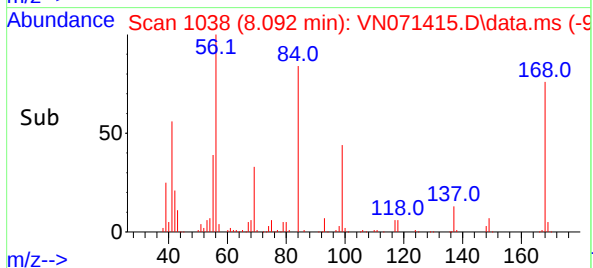
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



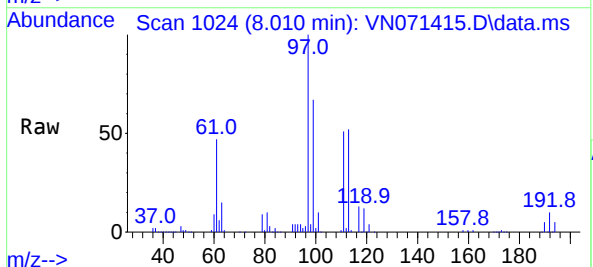
Tgt Ion: 56 Resp: 600722
Ion Ratio Lower Upper
56 100
69 32.8 27.1 40.7
84 83.8 73.4 110.0

Manual Integrations
APPROVED

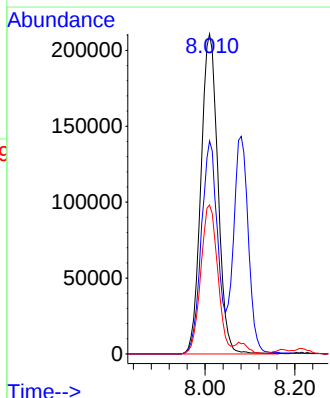
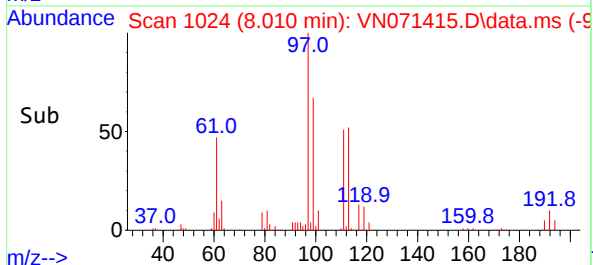
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

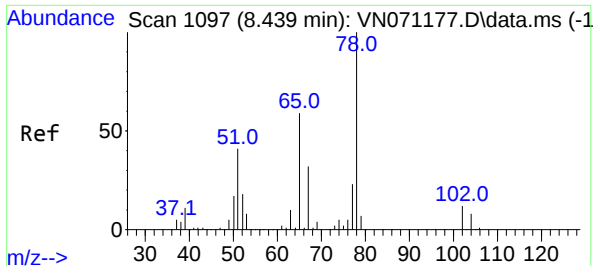


#32
1,1,1-Trichloroethane
Concen: 53.269 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



Tgt Ion: 97 Resp: 552472
Ion Ratio Lower Upper
97 100
99 64.0 50.1 75.1
61 46.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.018 ug/l

RT: 8.433 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 36239

Ion Ratio Lower Upper

65 100

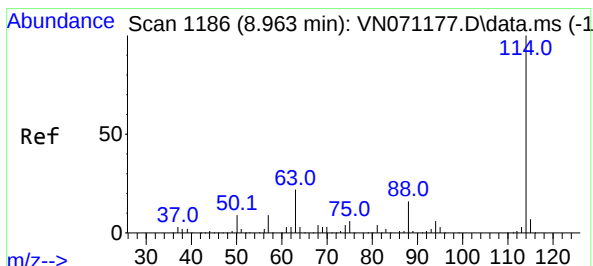
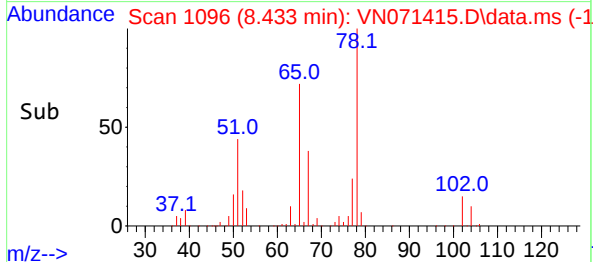
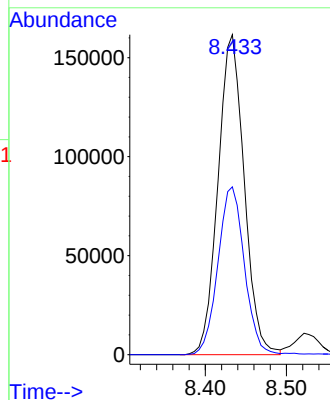
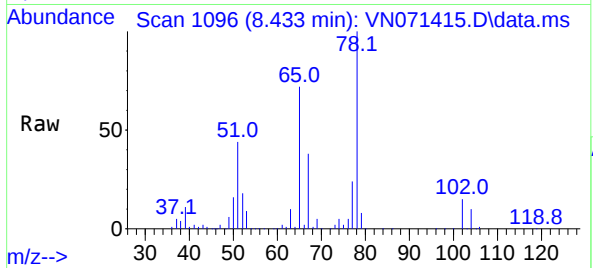
67 53.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

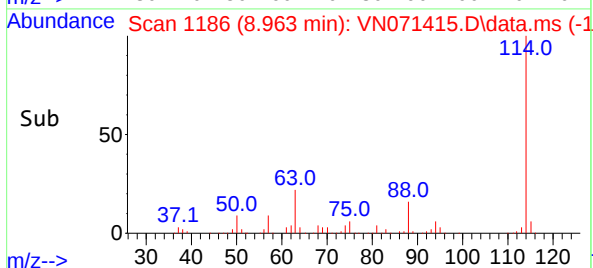
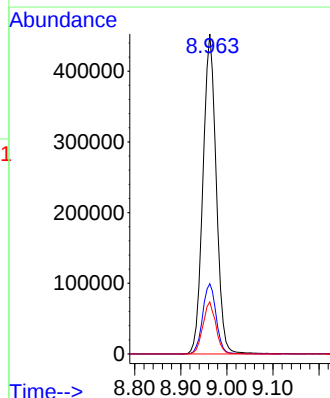
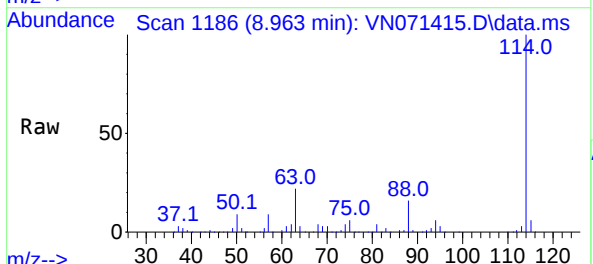
Tgt Ion:114 Resp: 911888

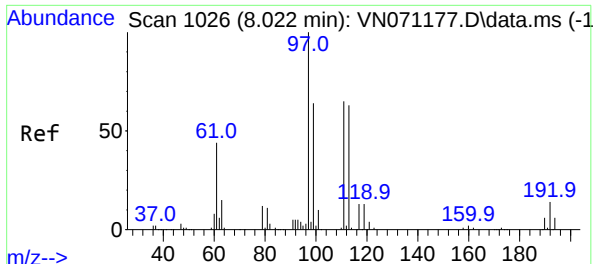
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

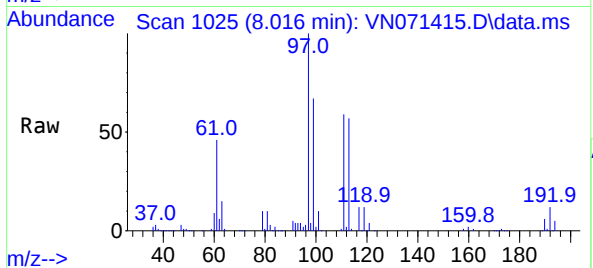
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.173 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

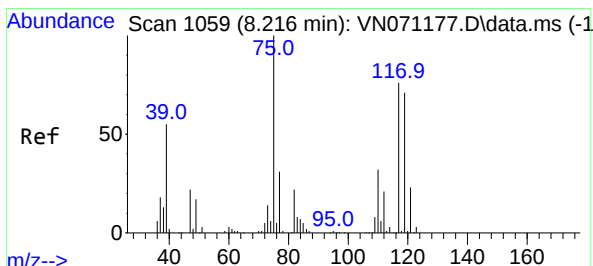
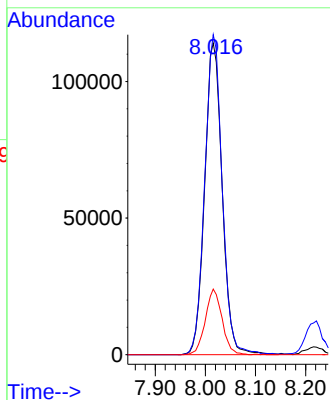
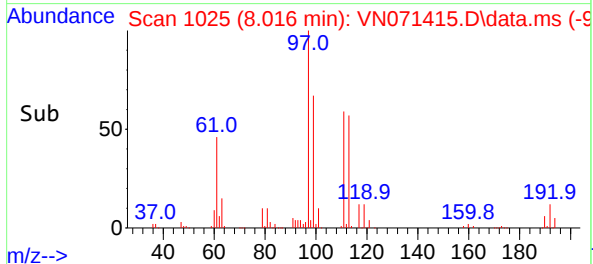
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



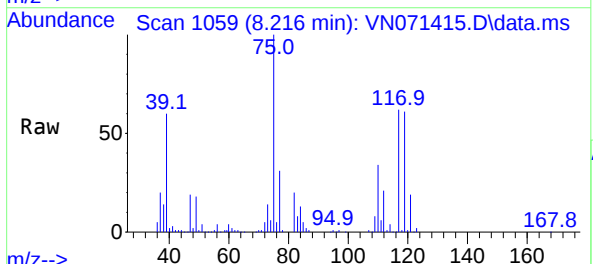
Tgt Ion:113 Resp: 27720
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
APPROVED

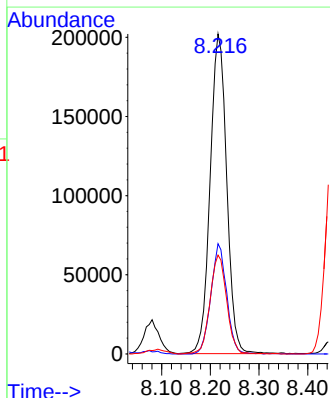
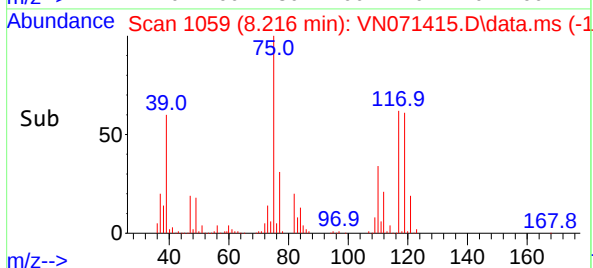
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

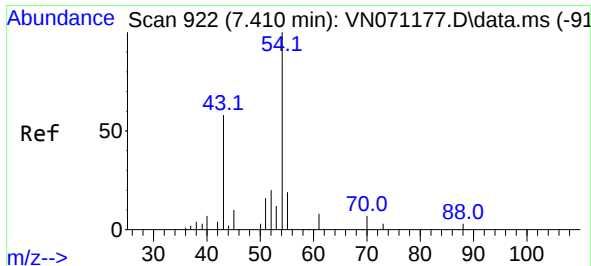


#36
1,1-Dichloropropene
Concen: 51.696 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



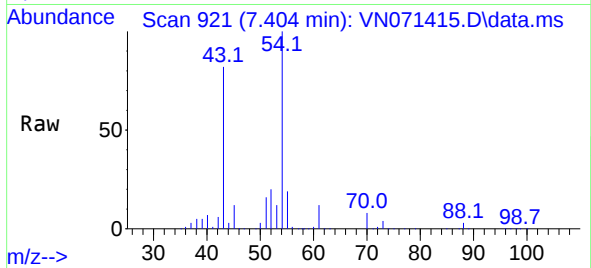
Tgt Ion: 75 Resp: 476625
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 49.470 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

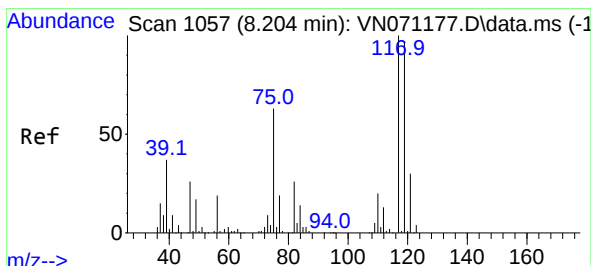
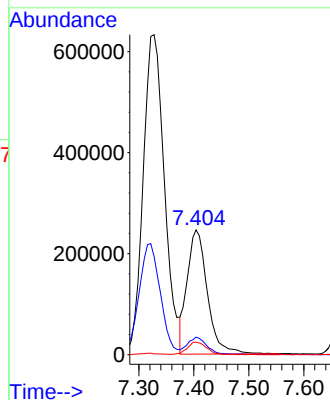
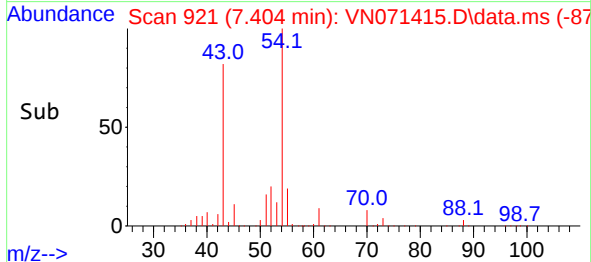
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 627699
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 9.6 7.9 11.9

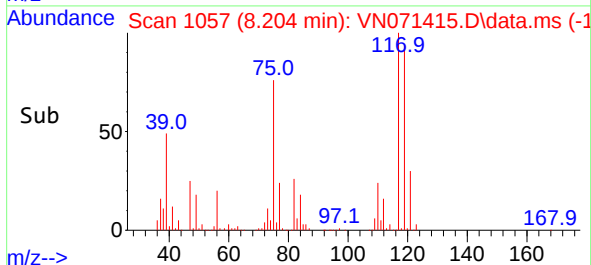
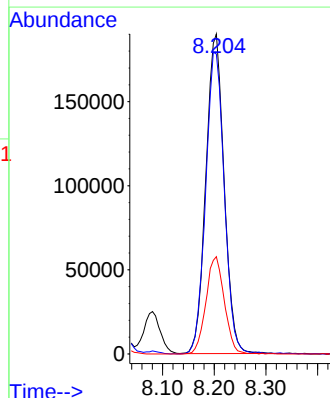
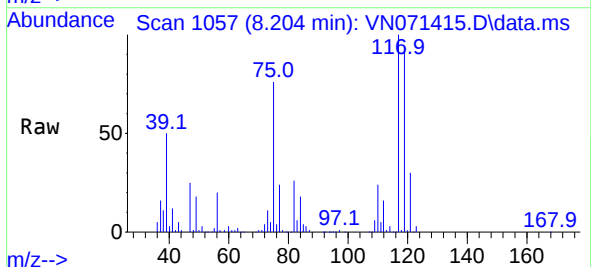
Manual Integrations
APPROVED

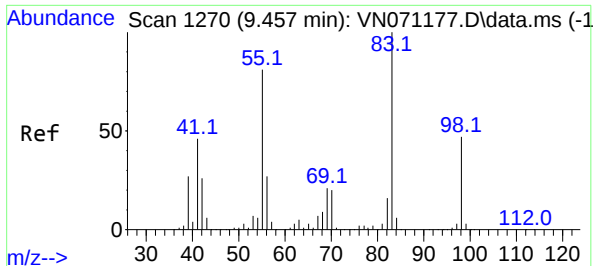
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 52.260 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:117 Resp: 466040
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1
121 30.4 24.2 36.2





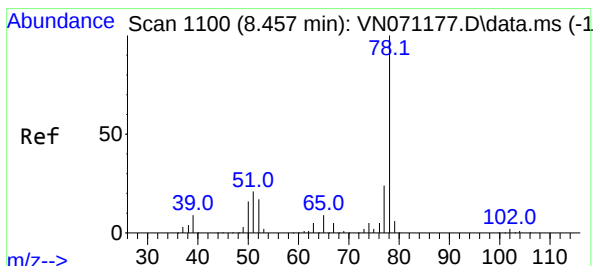
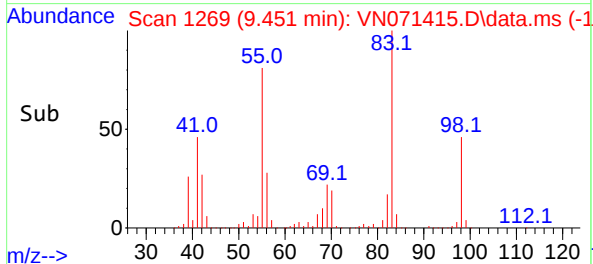
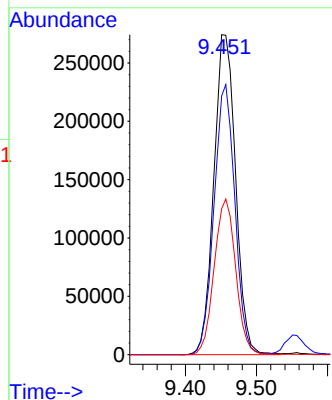
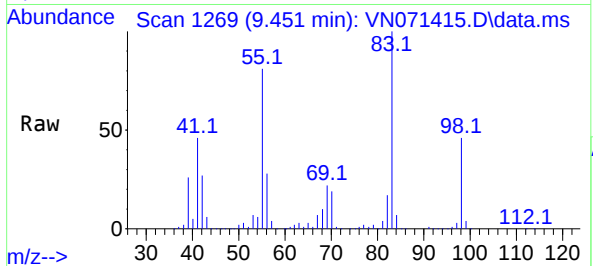
#39
Methylcyclohexane
Concen: 53.717 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 582624
Ion Ratio Lower Upper
83 100
55 80.9 58.1 87.1
98 45.6 38.4 57.6

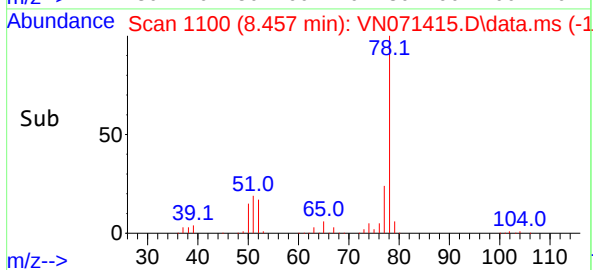
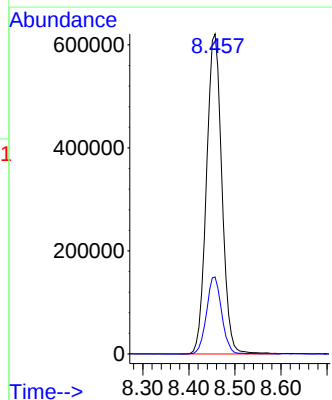
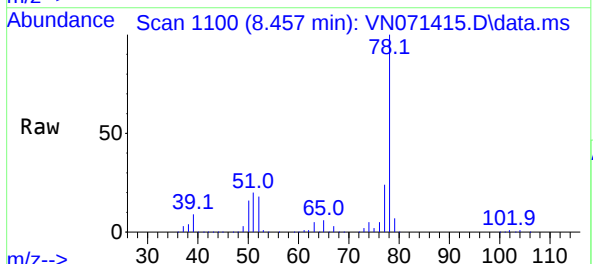
Manual Integrations
APPROVED

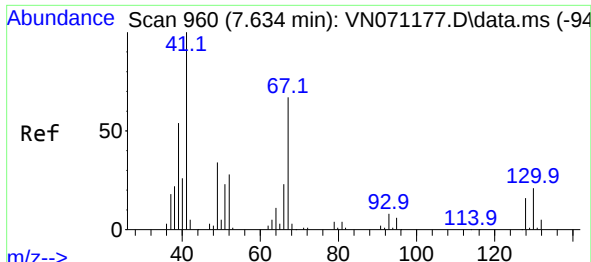
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#40
Benzene
Concen: 52.100 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

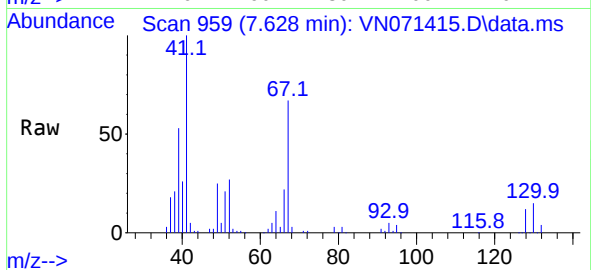
Tgt Ion: 78 Resp: 1447240
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 51.631 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

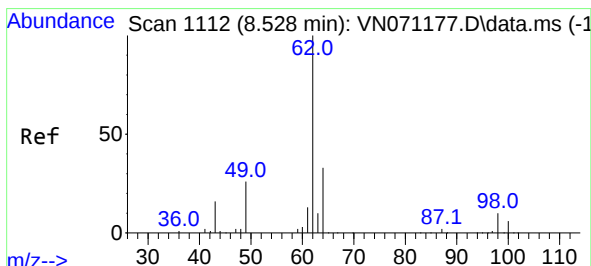
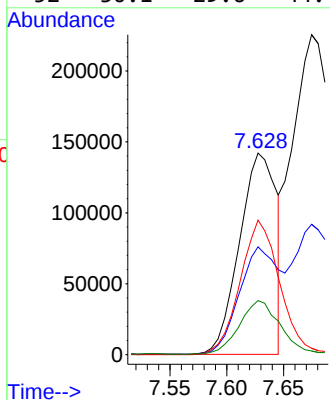
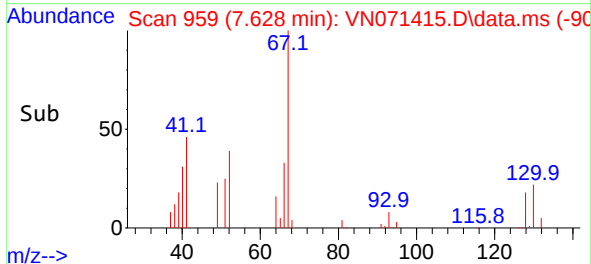
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



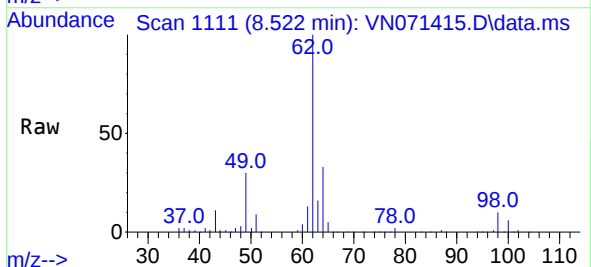
Tgt Ion: 41 Resp: 32060
Ion Ratio Lower Upper
41 100
39 59.9 48.1 72.1
67 72.0 68.3 102.5
52 30.1 29.6 44.4

Manual Integrations
APPROVED

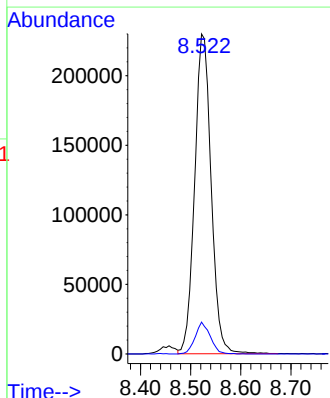
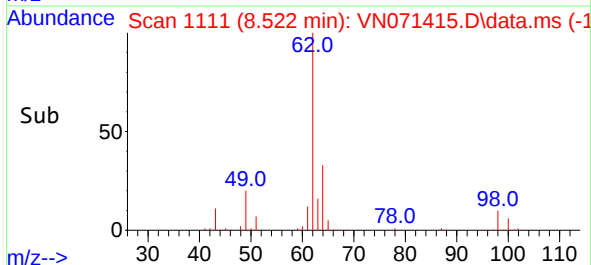
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#42
1,2-Dichloroethane
Concen: 54.231 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



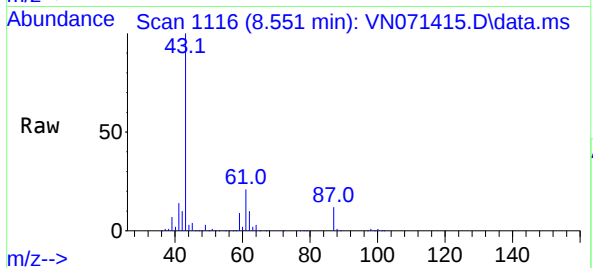
Tgt Ion: 62 Resp: 524225
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.443 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

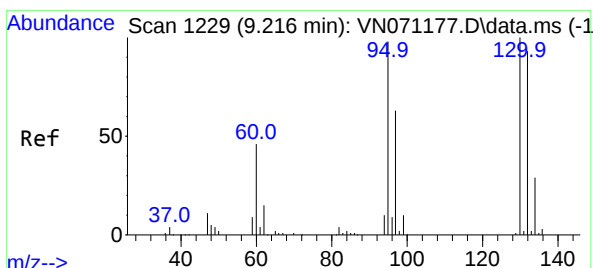
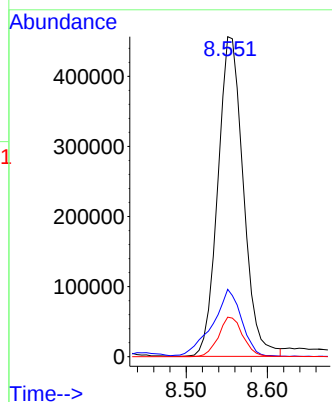
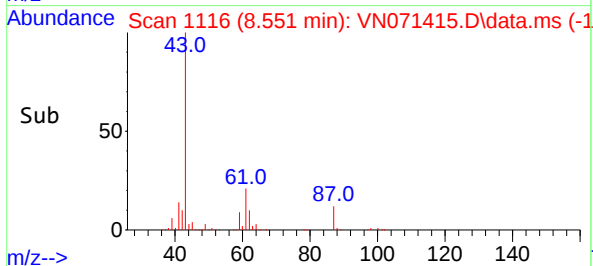
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 995078
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.9 11.2 16.8

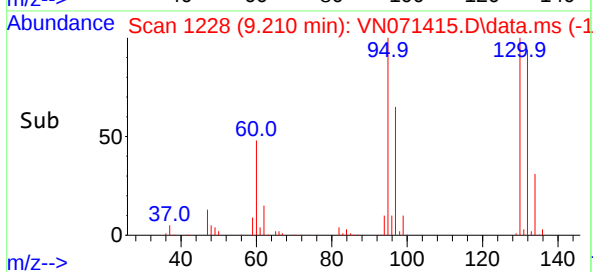
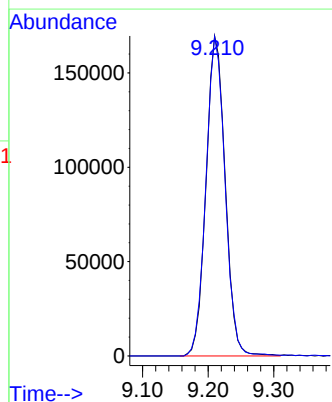
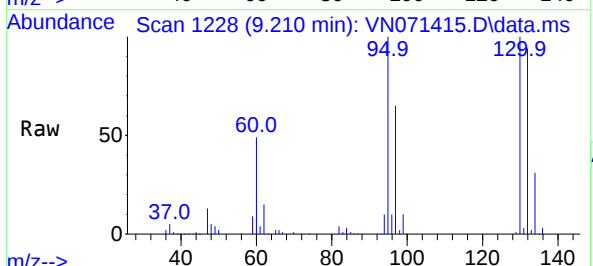
Manual Integrations
APPROVED

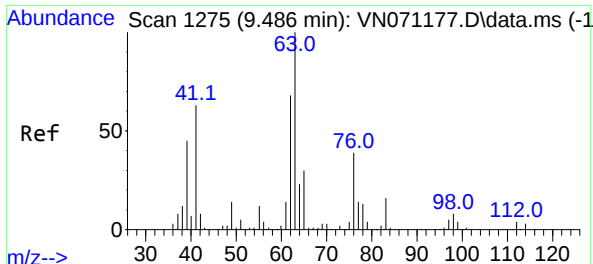
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#44
Trichloroethene
Concen: 52.557 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:130 Resp: 344469
Ion Ratio Lower Upper
130 100
95 99.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.745 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 393312

Ion Ratio Lower Upper

63 100

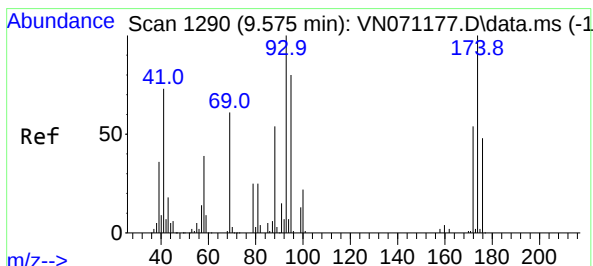
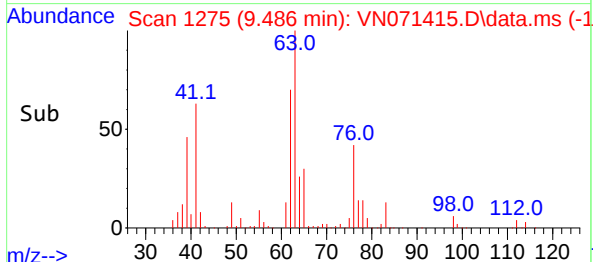
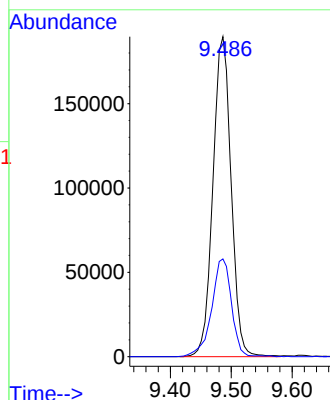
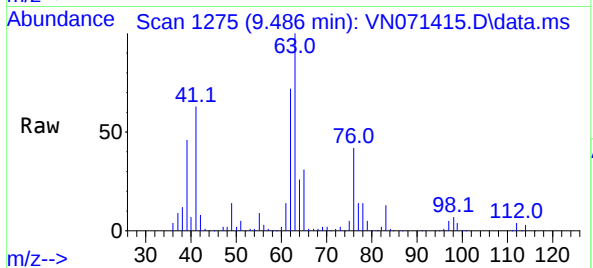
65 30.5 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#46

Dibromomethane

Concen: 53.084 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.001 min

Lab File: VN071415.D

Acq: 21 Mar 2022 12:19

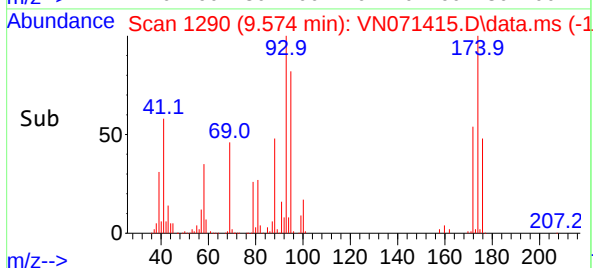
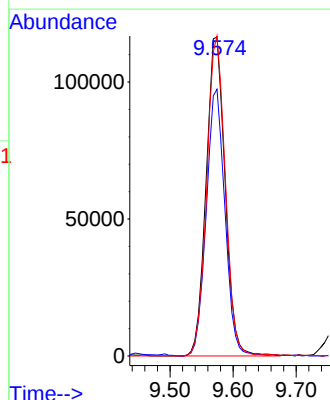
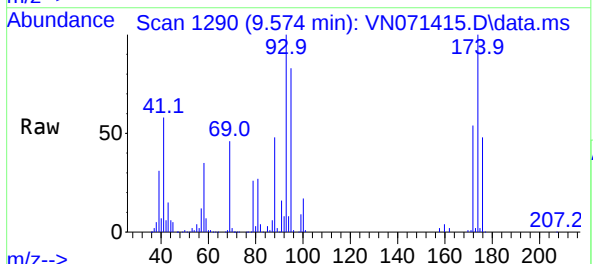
Tgt Ion: 93 Resp: 243635

Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

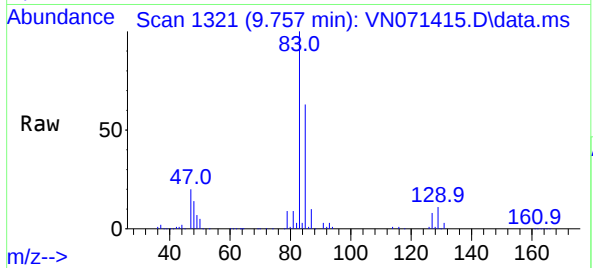
174 98.4 84.6 127.0





#47
Bromodichloromethane
Concen: 54.232 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

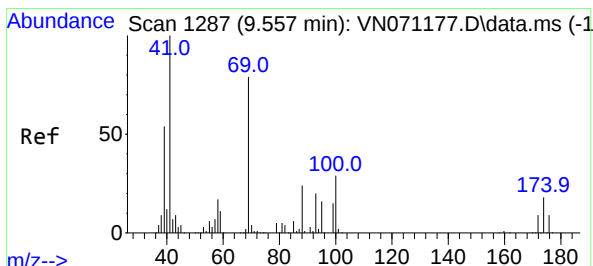
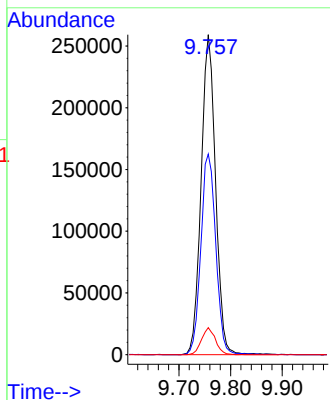
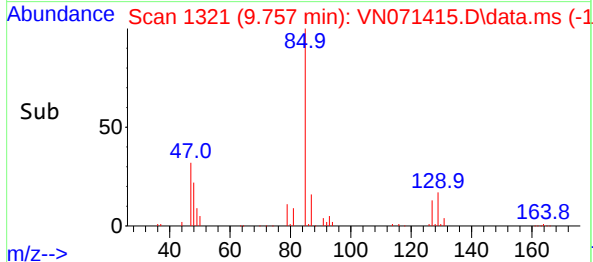
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



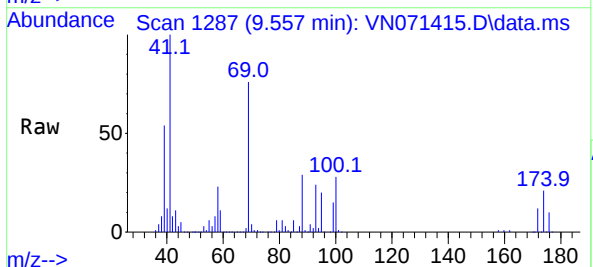
Tgt Ion: 83 Resp: 503014
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3
127 8.5 7.1 10.7

Manual Integrations
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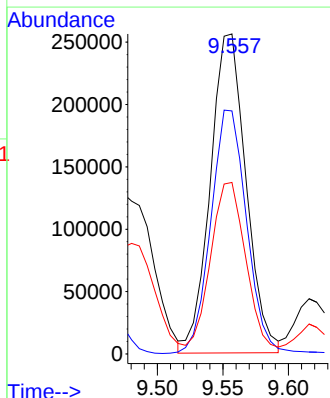
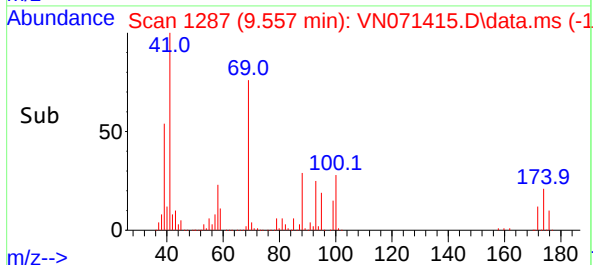
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

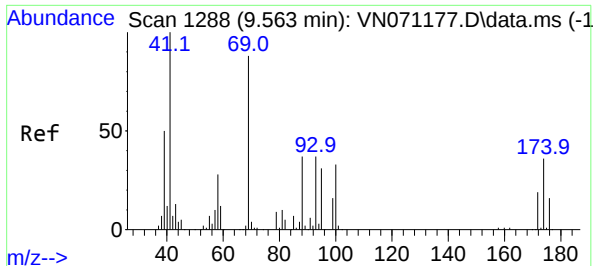


#48
Methyl methacrylate
Concen: 55.178 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



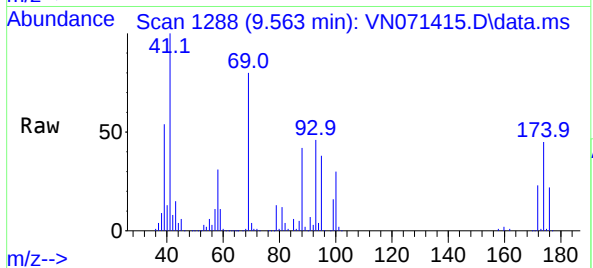
Tgt Ion: 41 Resp: 485192
Ion Ratio Lower Upper
41 100
69 76.6 72.4 108.6
39 53.4 58.4 87.6#





#49
1,4-Dioxane
Concen: 1143.592 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

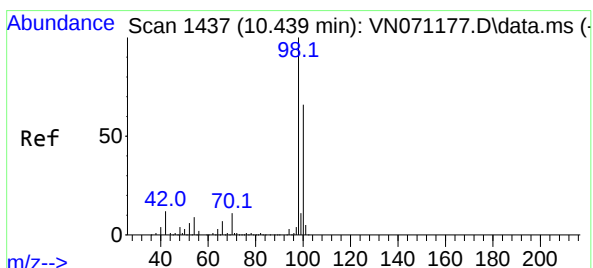
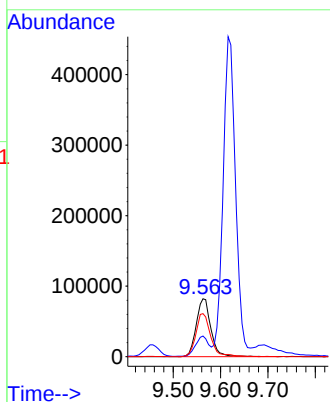
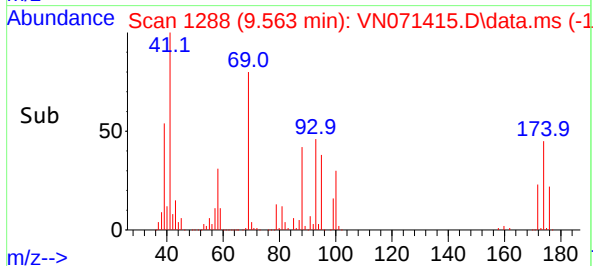
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 174792
Ion Ratio Lower Upper
88 100
43 31.3 23.4 35.2
58 75.8 50.6 75.8

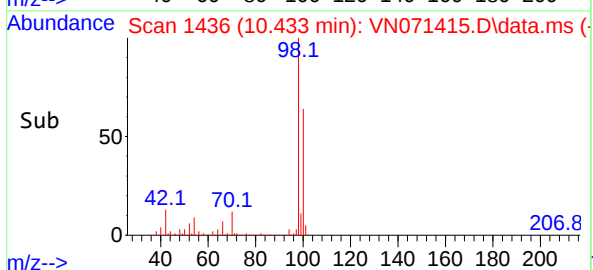
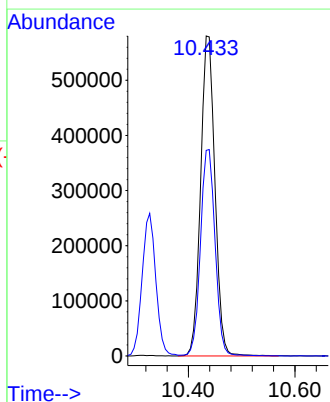
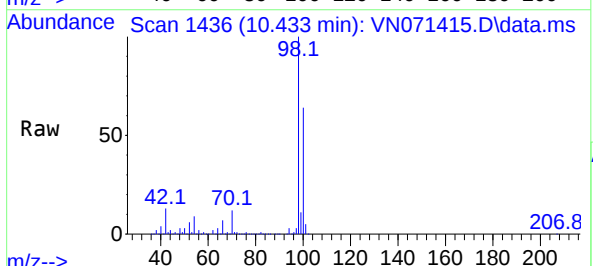
Manual Integrations
APPROVED

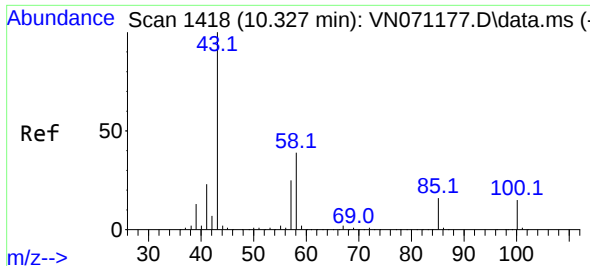
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 46.761 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion: 98 Resp: 1083392
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6





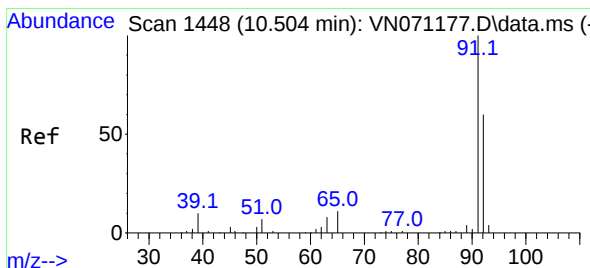
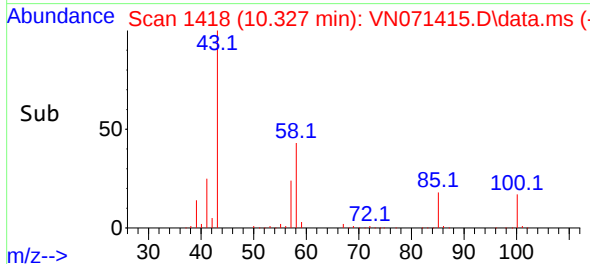
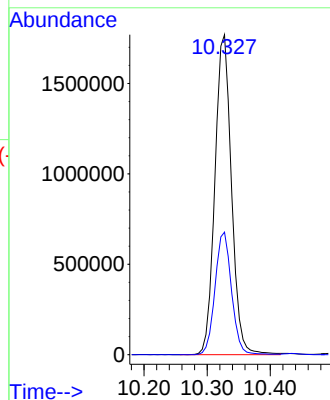
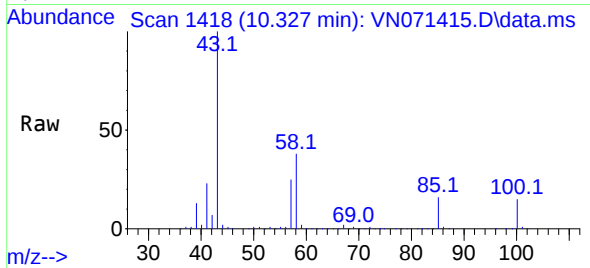
#51
4-Methyl-2-Pentanone
Concen: 273.952 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 322599
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

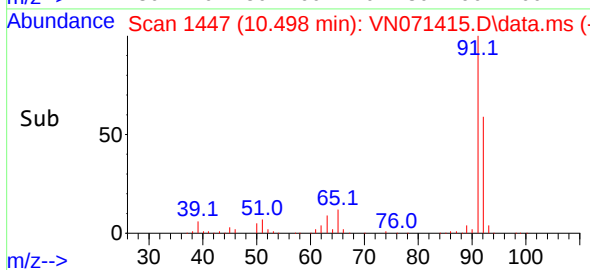
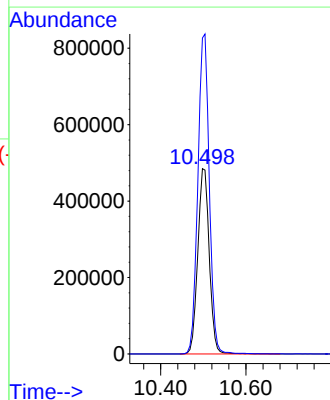
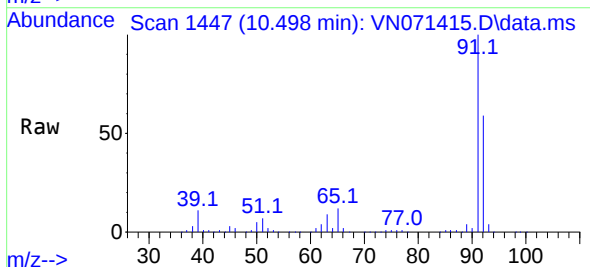
Manual Integrations
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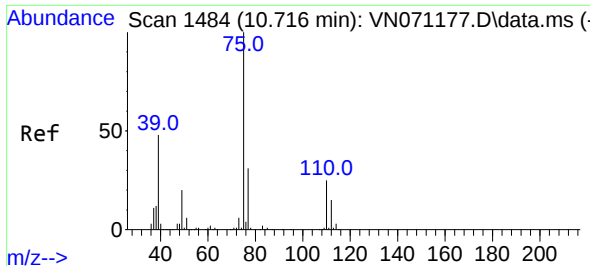
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 52.955 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

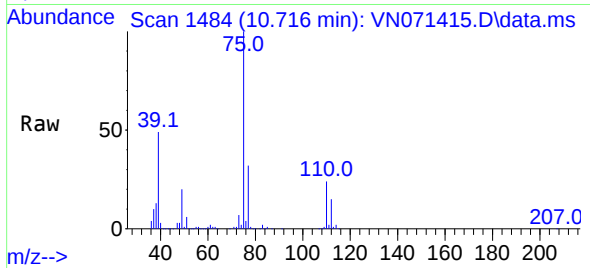
Tgt Ion: 92 Resp: 905810
Ion Ratio Lower Upper
92 100
91 171.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 55.619 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

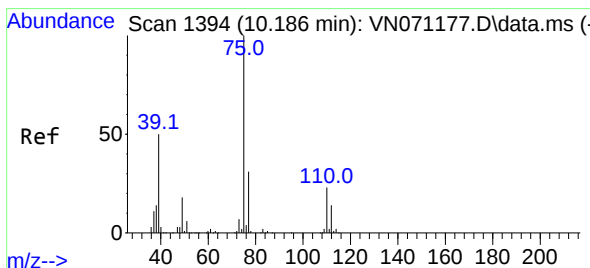
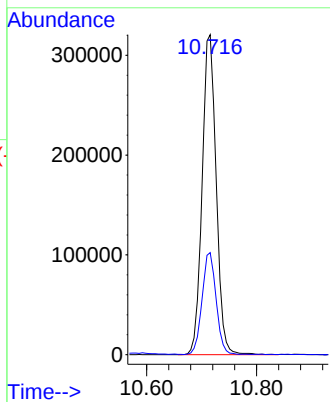
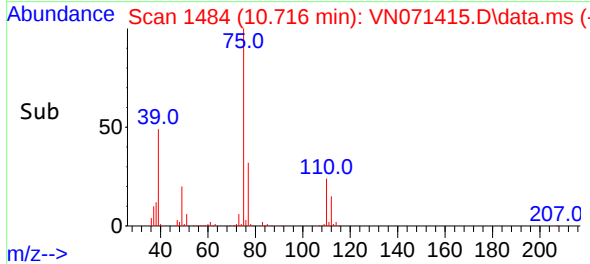
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



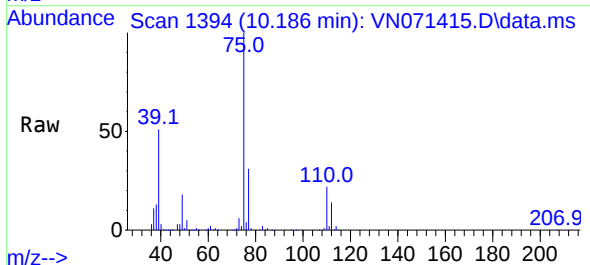
Tgt Ion: 75 Resp: 568670
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

Manual Integrations
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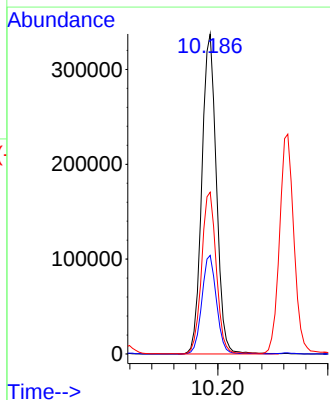
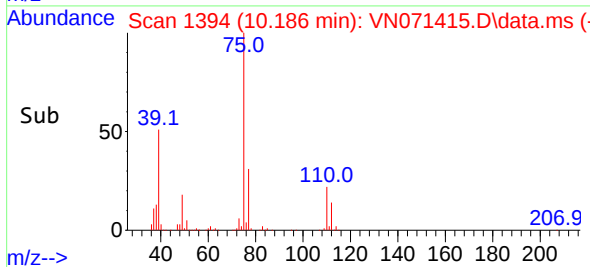
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

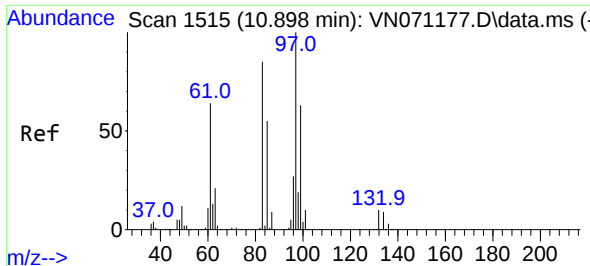


#54
cis-1,3-Dichloropropene
Concen: 55.488 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



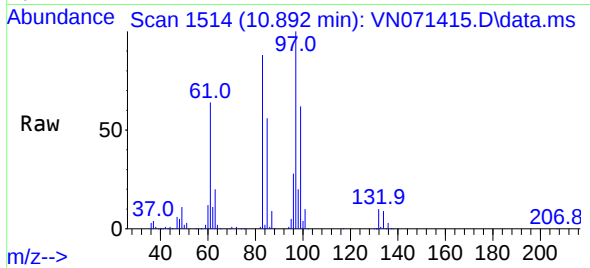
Tgt Ion: 75 Resp: 619889
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 50.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 52.844 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

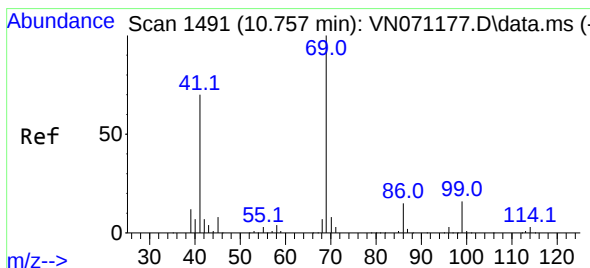
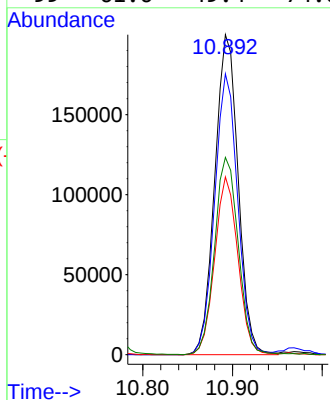
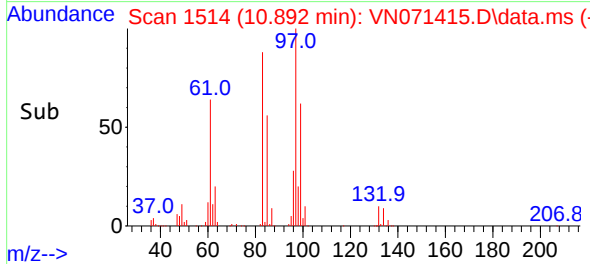
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



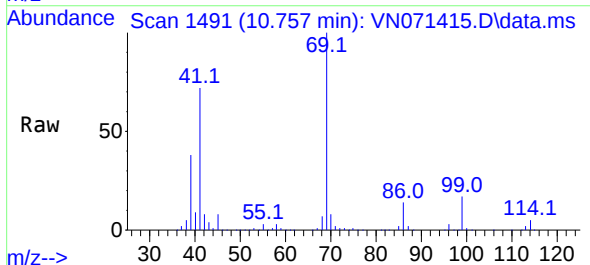
Tgt Ion: 97 Resp: 362210
Ion Ratio Lower Upper
97 100
83 87.7 67.8 101.6
85 55.5 45.4 68.2
99 61.6 49.4 74.0

Manual Integrations
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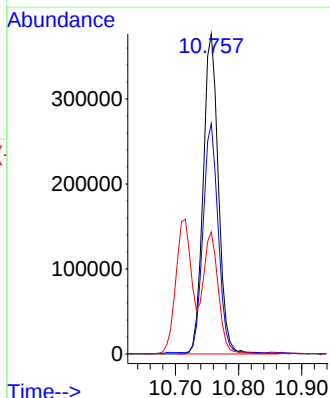
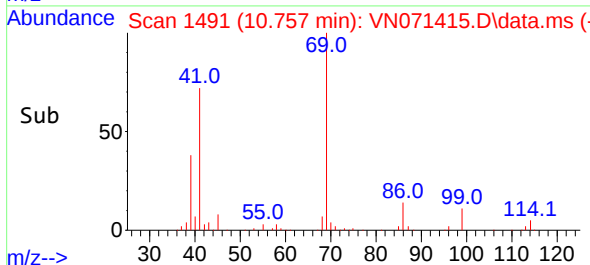
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

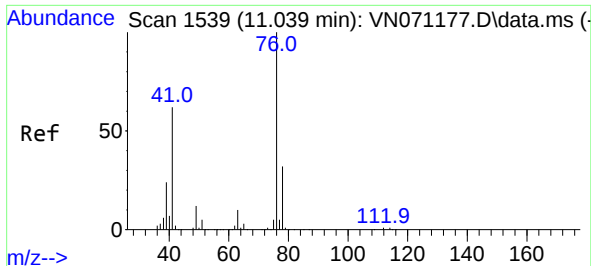


#56
Ethyl methacrylate
Concen: 56.458 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



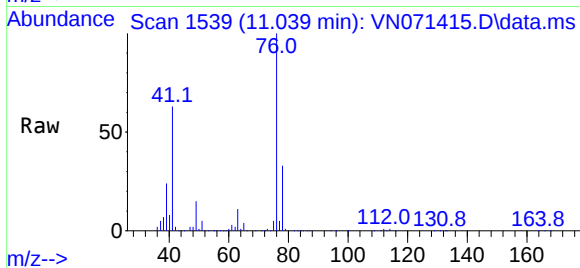
Tgt Ion: 69 Resp: 631965
Ion Ratio Lower Upper
69 100
41 71.1 51.4 77.0
39 37.5 34.6 52.0





#57
1,3-Dichloropropane
Concen: 53.121 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

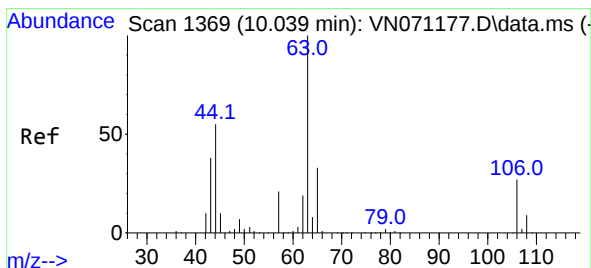
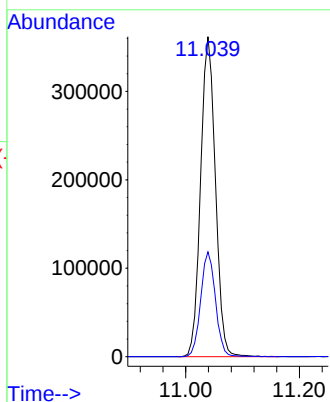
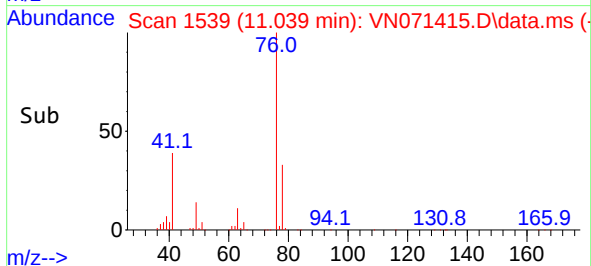
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



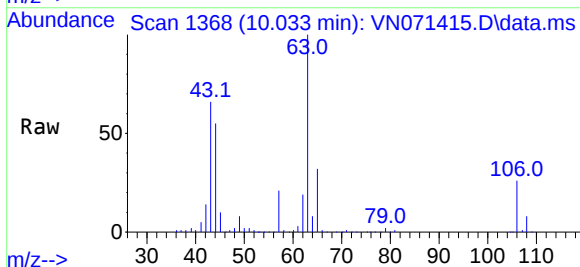
Tgt Ion: 76 Resp: 65355
Ion Ratio Lower Upper
76 100
78 32.6 25.7 38.5

Manual Integrations
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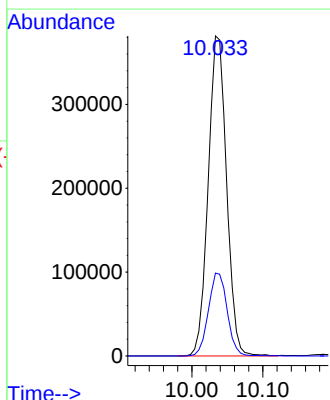
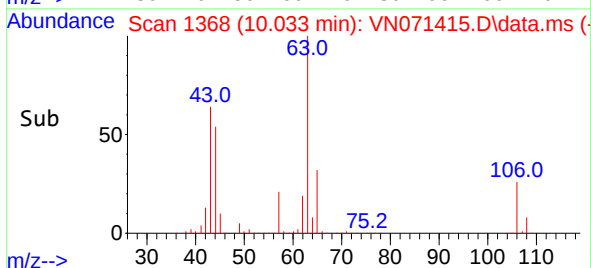
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

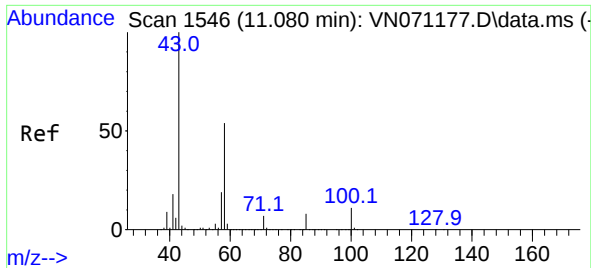


#58
2-Chloroethyl Vinyl ether
Concen: 286.995 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



Tgt Ion: 63 Resp: 685838
Ion Ratio Lower Upper
63 100
106 26.5 23.9 35.9





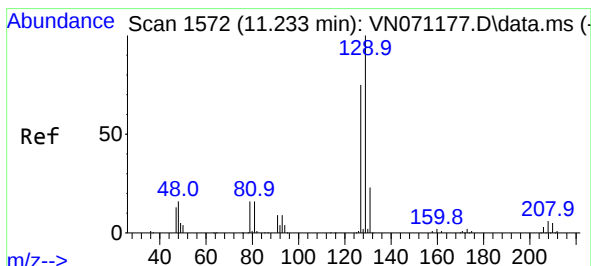
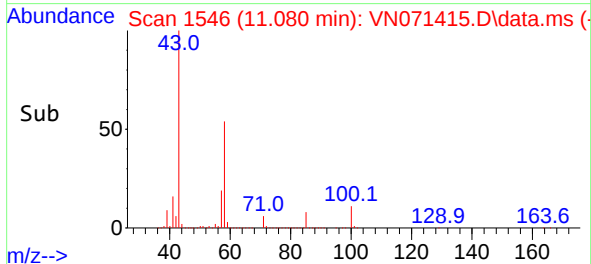
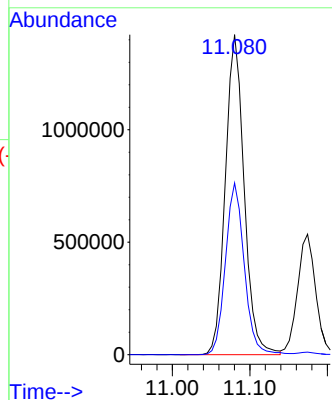
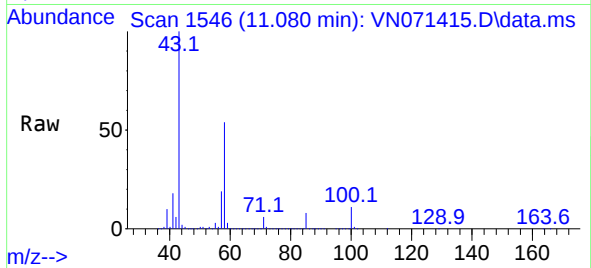
#59
2-Hexanone
Concen: 298.944 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 240193
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.7

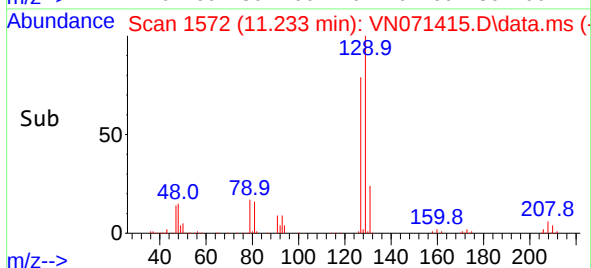
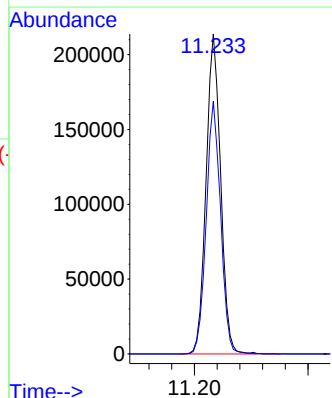
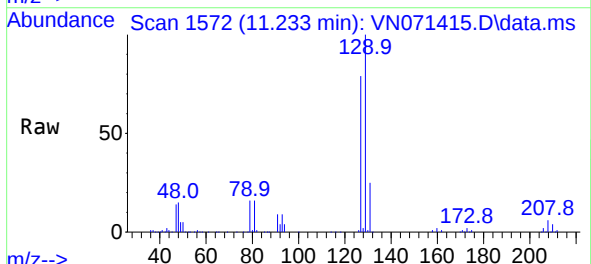
Manual Integrations
APPROVED

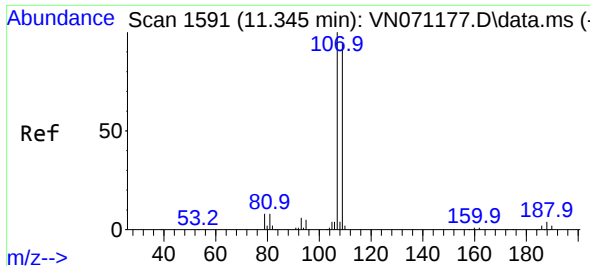
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#60
Dibromochloromethane
Concen: 55.670 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:129 Resp: 379131
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





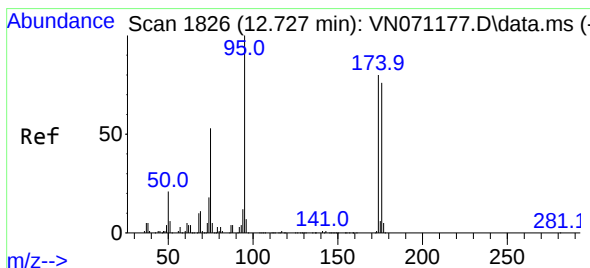
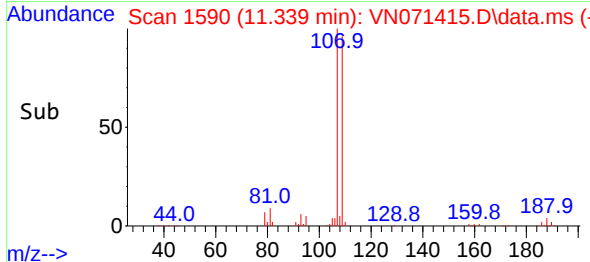
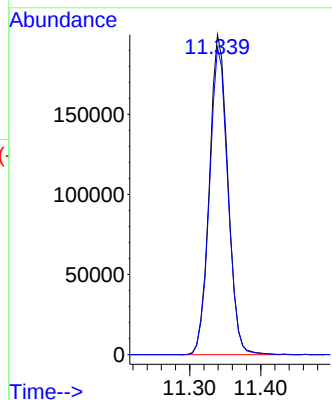
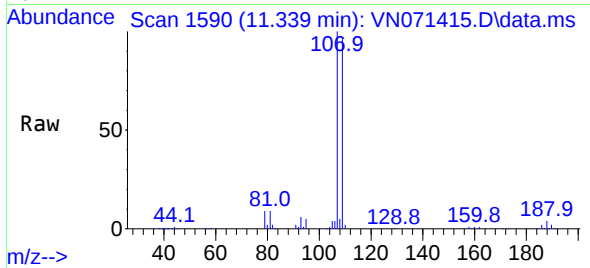
#61
1,2-Dibromoethane
Concen: 51.464 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 360518
Ion Ratio Lower Upper
107 100
109 95.9 75.7 113.5

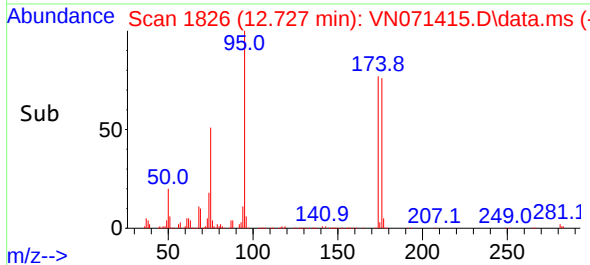
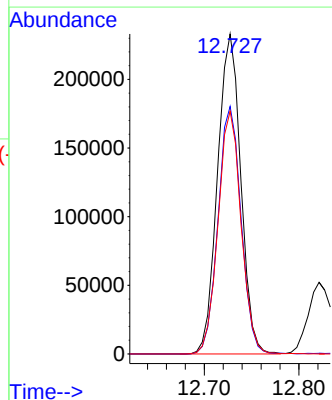
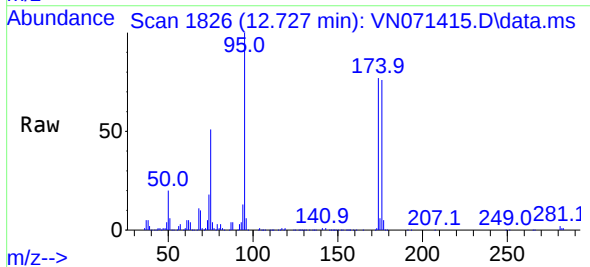
Manual Integrations
APPROVED

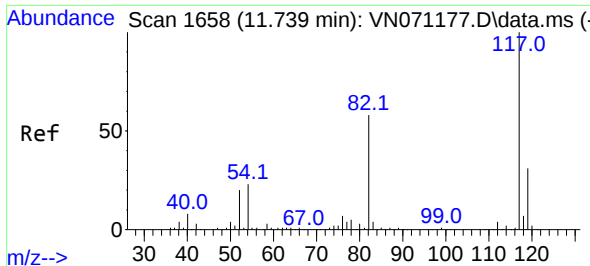
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion: 95 Resp: 397139
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 75.1 0.0 181.4





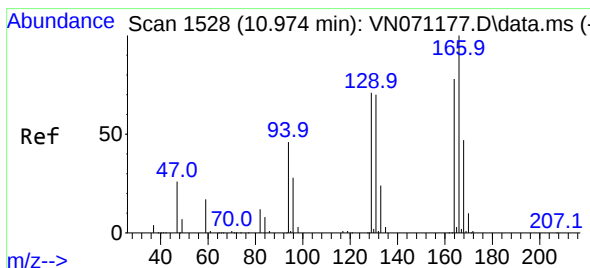
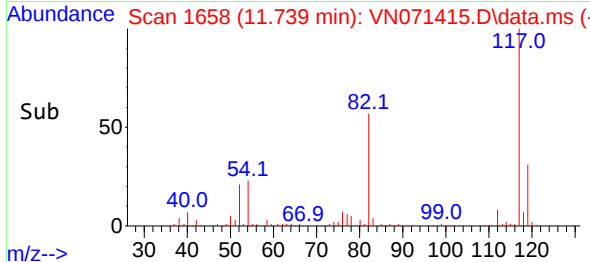
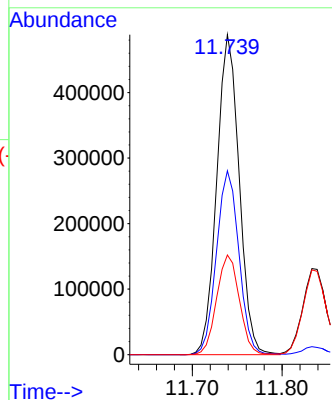
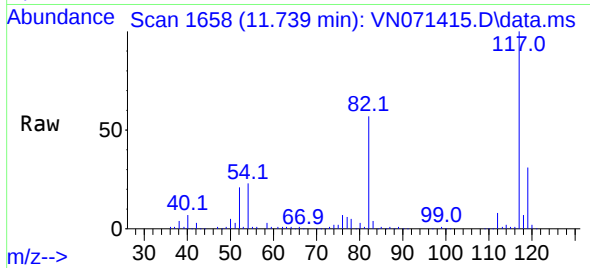
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 847554
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.1 25.4 38.2

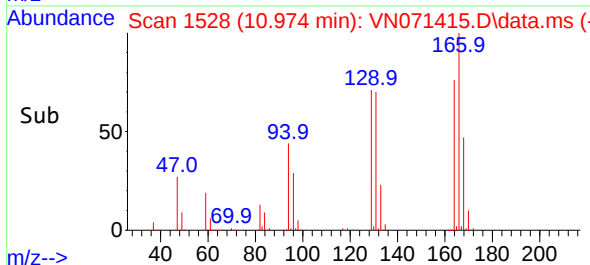
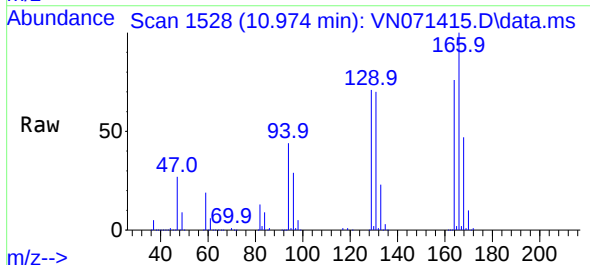
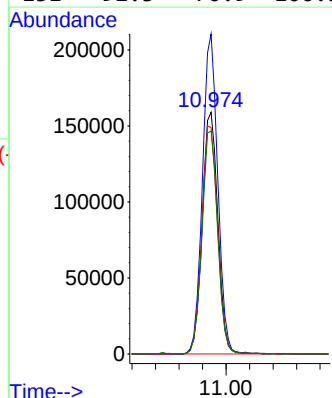
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#64
Tetrachloroethene
Concen: 49.767 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:164 Resp: 294183
Ion Ratio Lower Upper
164 100
166 132.4 101.9 152.9
129 93.7 72.0 108.0
131 92.3 70.9 106.3





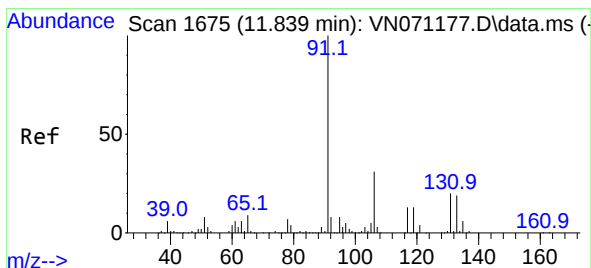
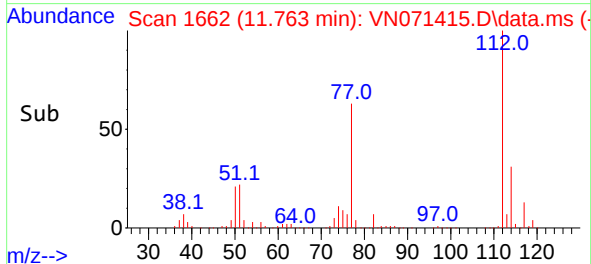
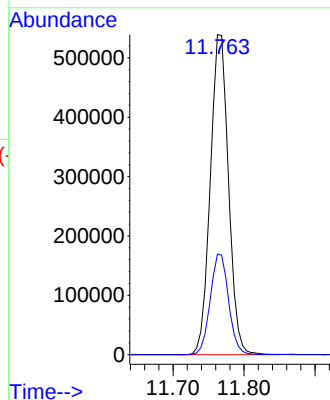
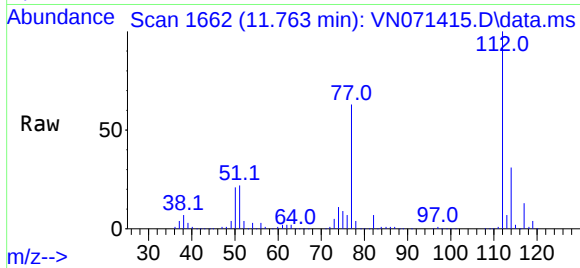
#65
Chlorobenzene
Concen: 52.732 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 95982
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

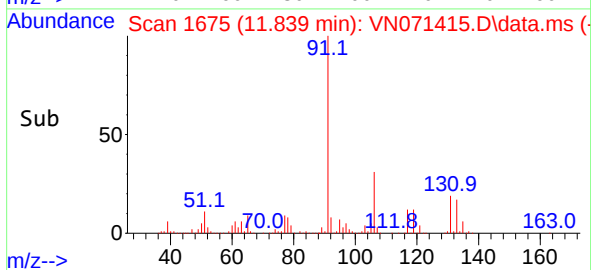
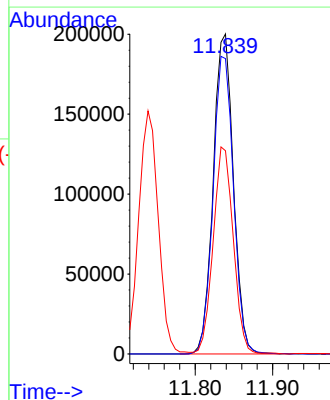
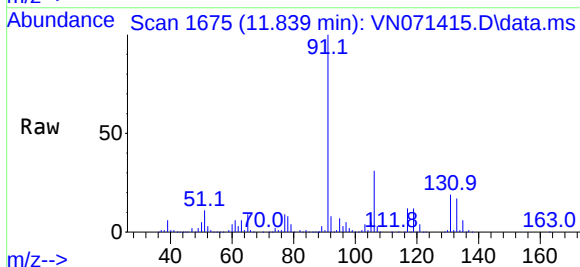
Manual Integrations
APPROVED

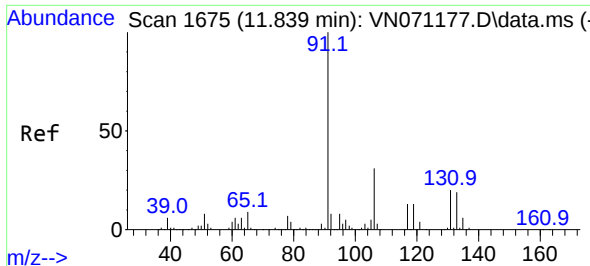
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.256 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

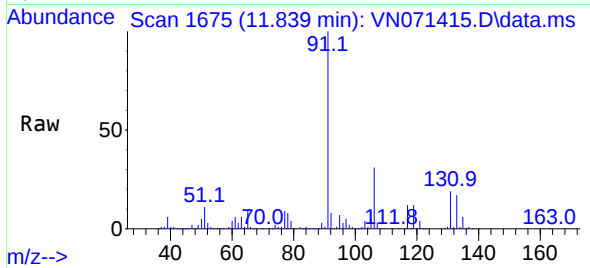
Tgt Ion:131 Resp: 362108
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 55.189 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

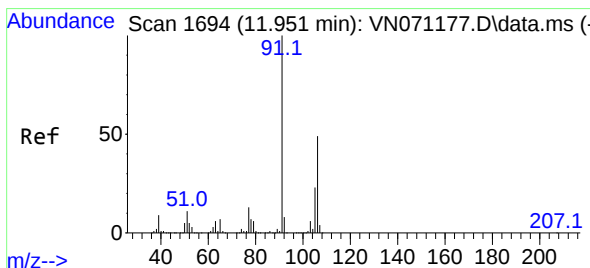
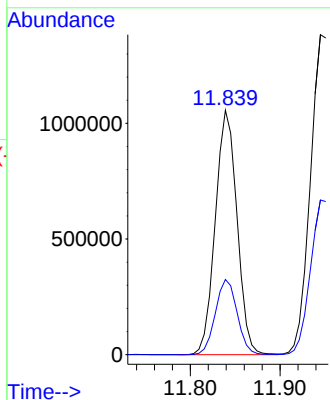
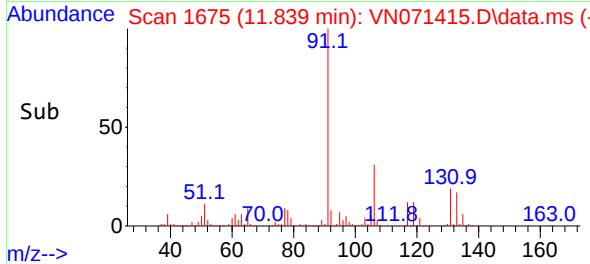
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



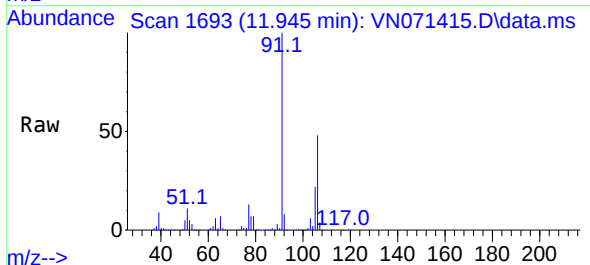
Tgt Ion: 91 Resp: 1776140
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

Manual Integrations
APPROVED

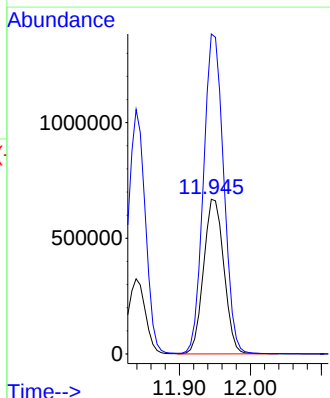
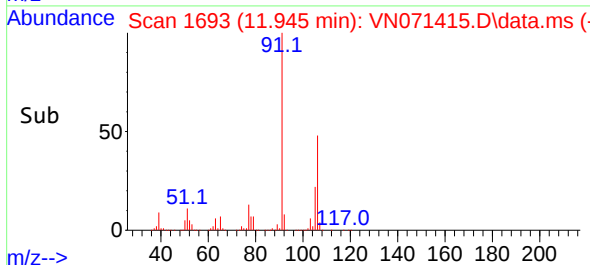
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#68
m/p-Xylenes
Concen: 113.132 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



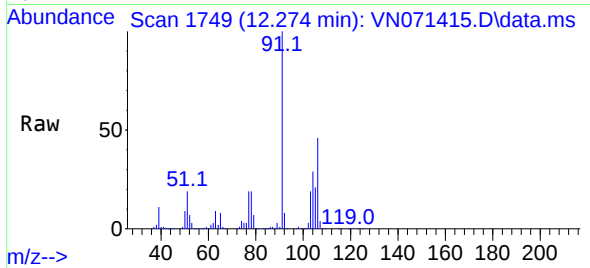
Tgt Ion:106 Resp: 1331942
Ion Ratio Lower Upper
106 100
91 205.8 160.6 240.8





#69
o-Xylene
Concen: 56.380 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

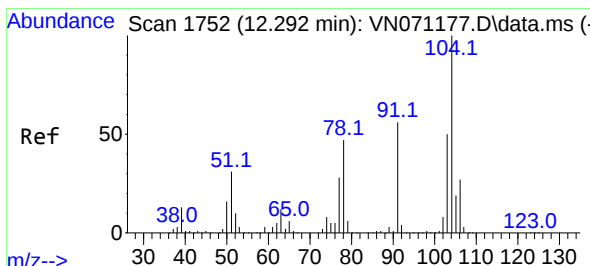
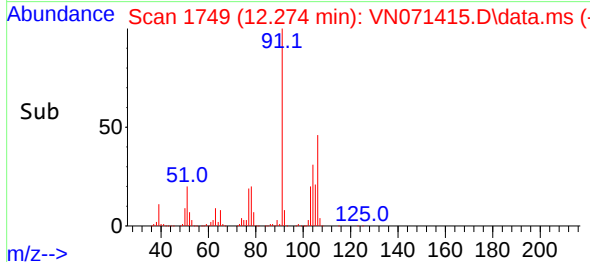
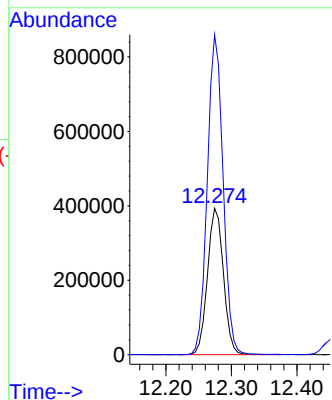
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 665369
Ion Ratio Lower Upper
106 100
91 215.9 105.8 317.3

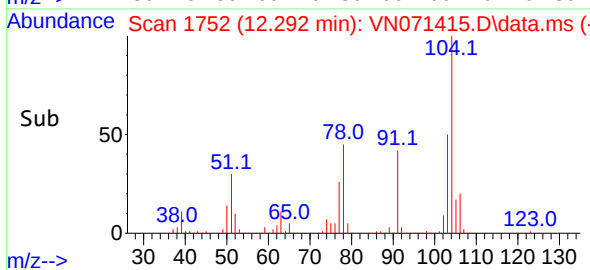
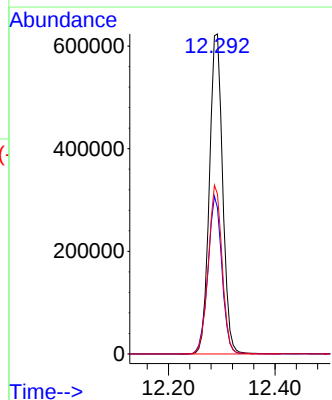
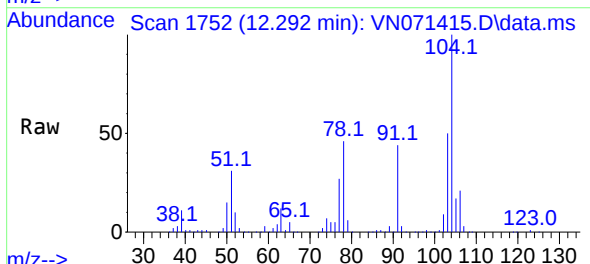
Manual Integrations
APPROVED

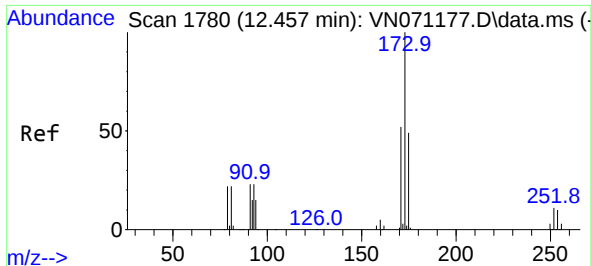
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 59.118 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

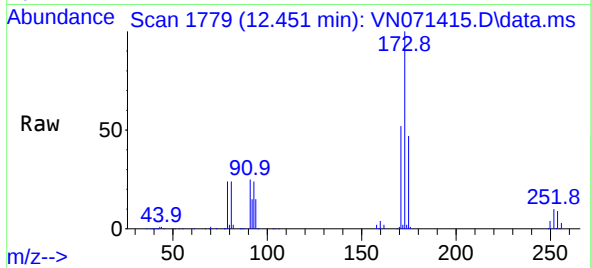
Tgt Ion:104 Resp: 1079982
Ion Ratio Lower Upper
104 100
78 51.7 38.7 58.1
103 54.8 45.0 67.6





#71
Bromoform
Concen: 56.963 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

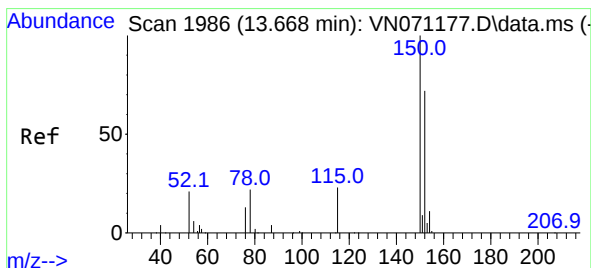
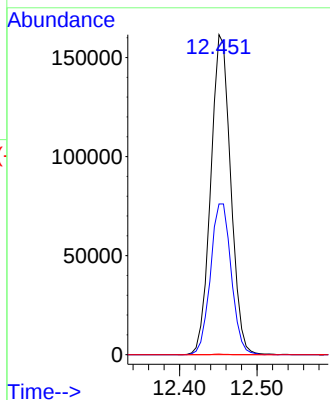
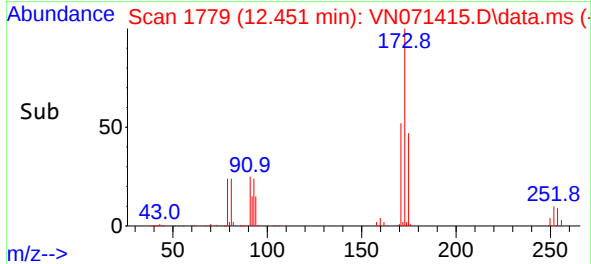
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



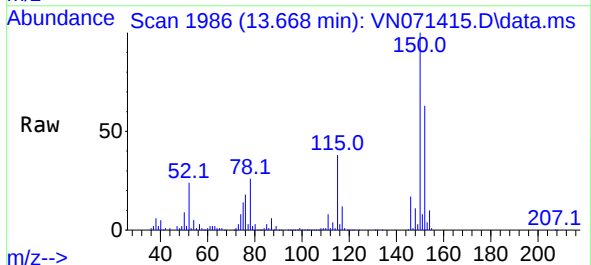
Tgt Ion:173 Resp: 288714
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

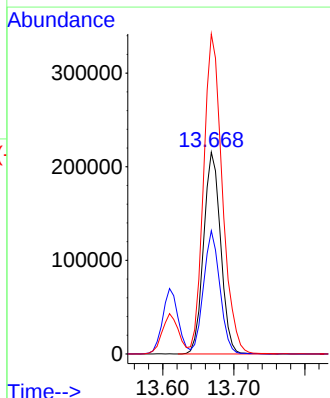
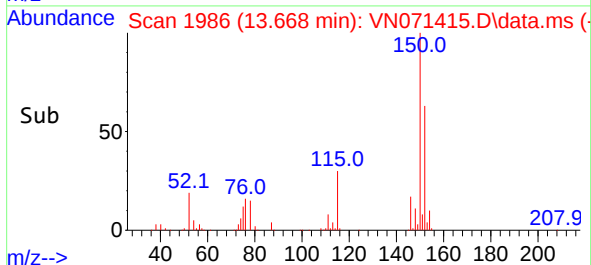
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

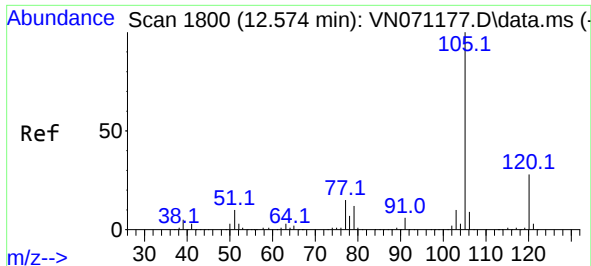


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



Tgt Ion:152 Resp: 359384
Ion Ratio Lower Upper
152 100
115 58.7 27.5 82.5
150 174.6 0.0 344.4





#73
Isopropylbenzene
Concen: 50.392 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

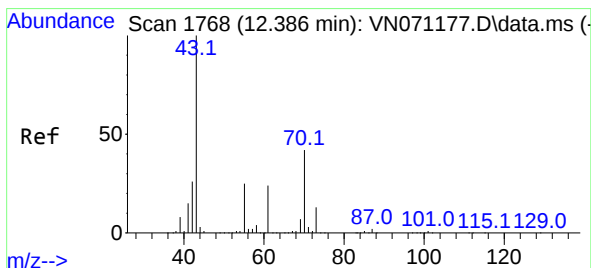
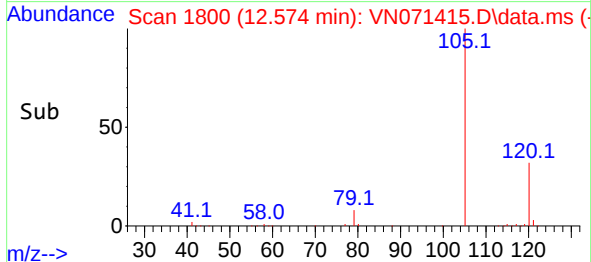
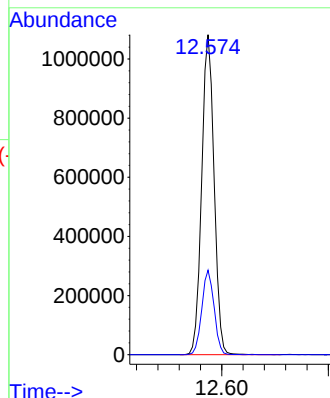
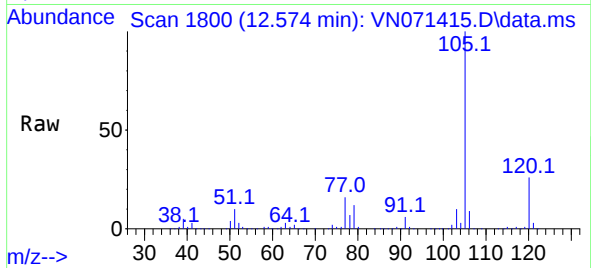
VSTDCCC050

Tgt Ion:105 Resp: 1745790
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

Manual Integrations

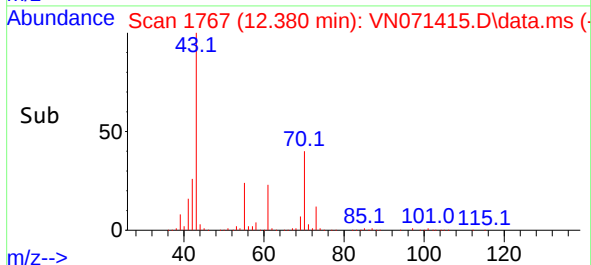
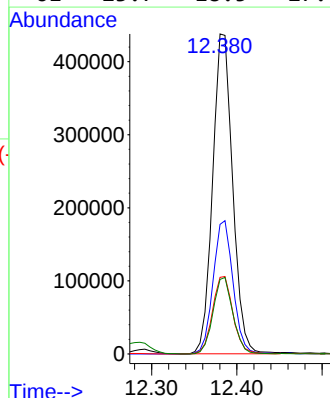
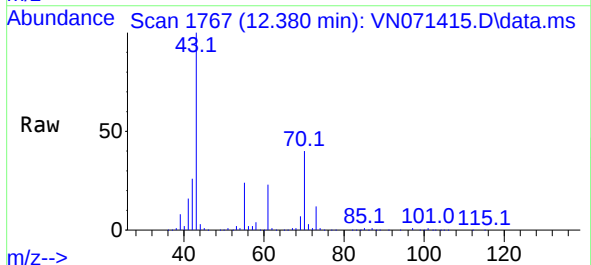
APPROVED

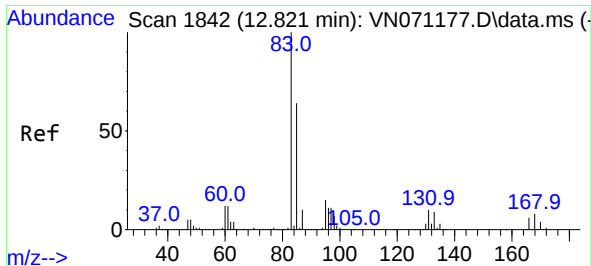
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 54.977 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

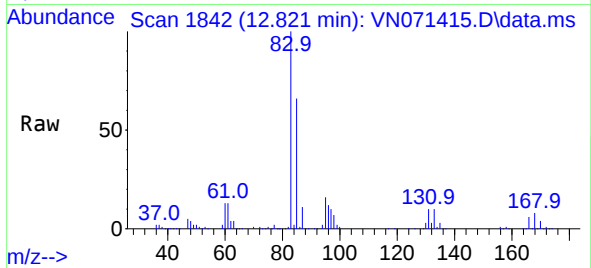
Tgt Ion: 43 Resp: 716138
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.0
55 24.9 19.3 28.9
61 23.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 55.410 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

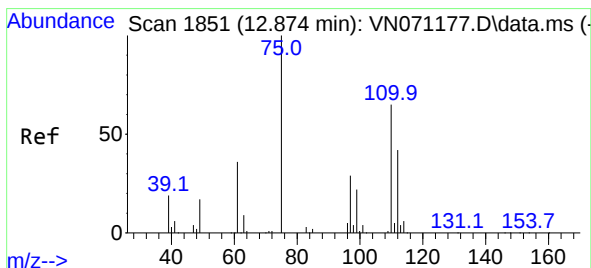
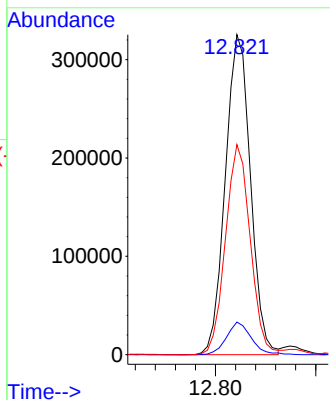
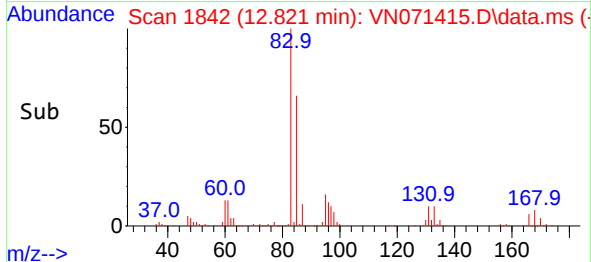
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



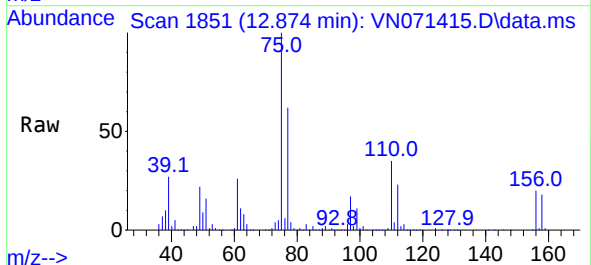
Tgt Ion: 83 Resp: 567589
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.6 32.4 97.2

Manual Integrations
APPROVED

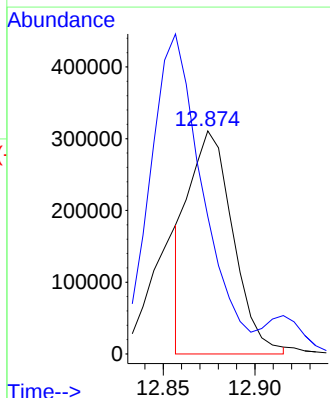
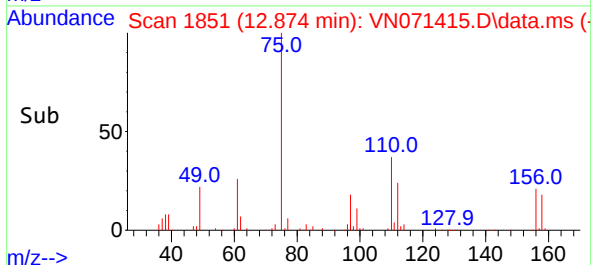
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

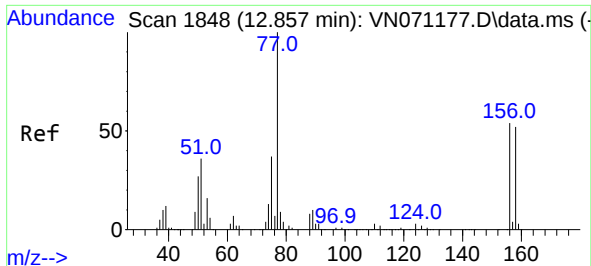


#76
1,2,3-Trichloropropane
Concen: 60.780 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



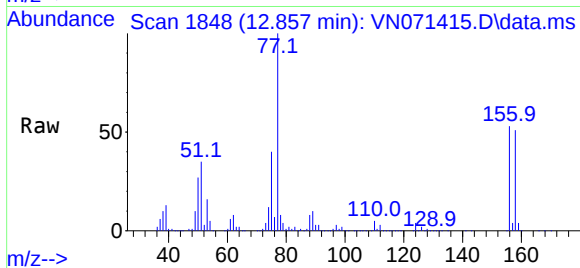
Tgt Ion: 75 Resp: 524113
Ion Ratio Lower Upper
75 100
77 170.3 82.6 247.8





#77
Bromobenzene
Concen: 49.554 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

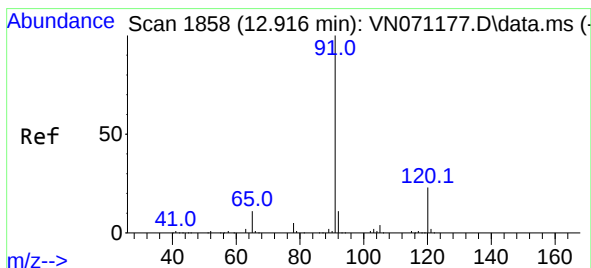
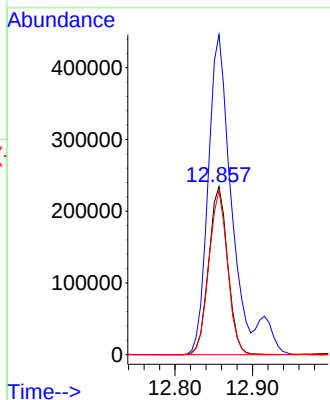
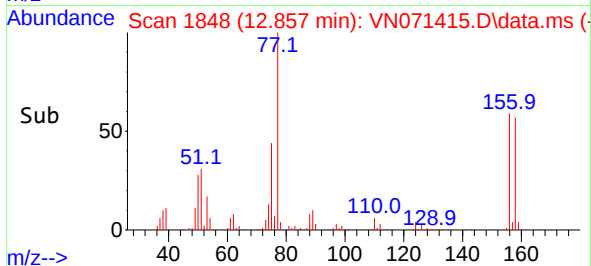
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



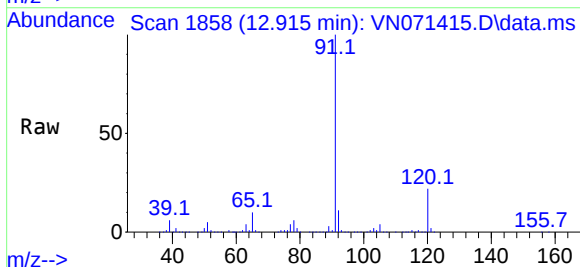
Tgt Ion:156 Resp: 400324
Ion Ratio Lower Upper
156 100
77 222.9 90.6 271.8
158 95.8 48.9 146.7

Manual Integrations
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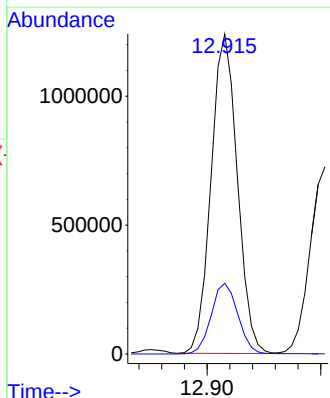
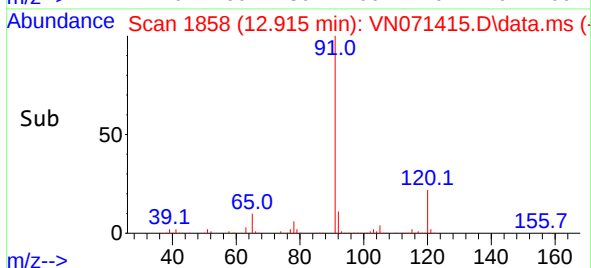
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

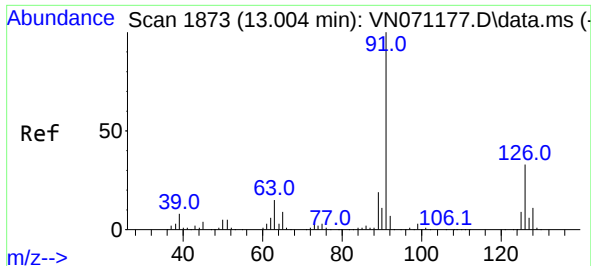


#78
n-propylbenzene
Concen: 53.353 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



Tgt Ion: 91 Resp: 1983439
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





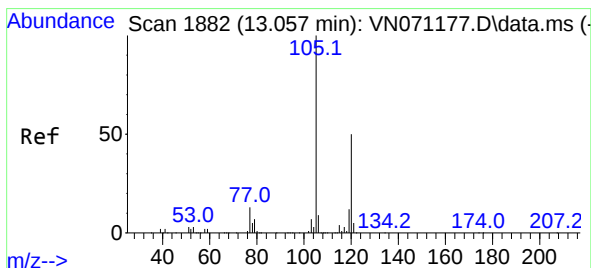
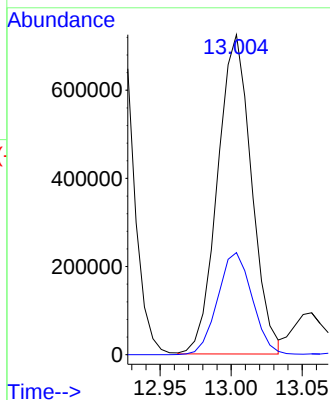
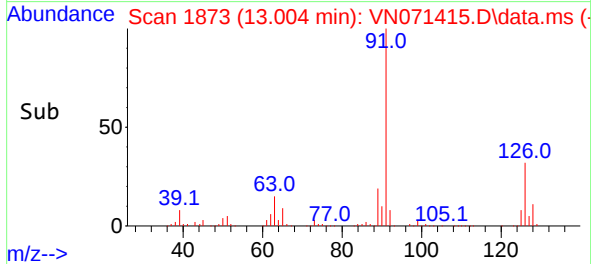
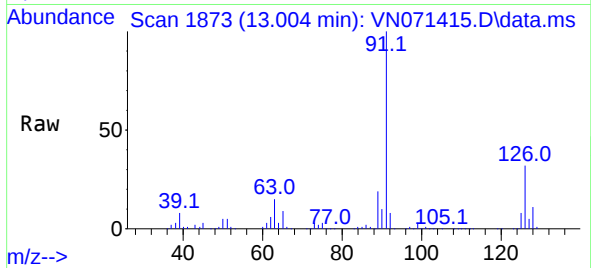
#79
2-Chlorotoluene
Concen: 50.339 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 120128
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

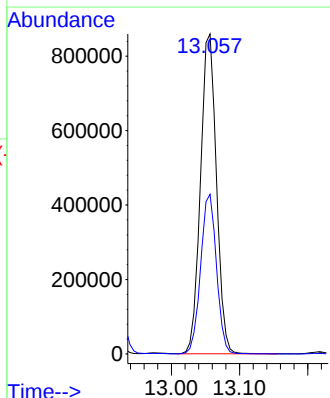
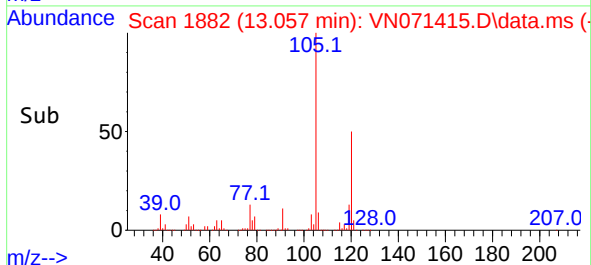
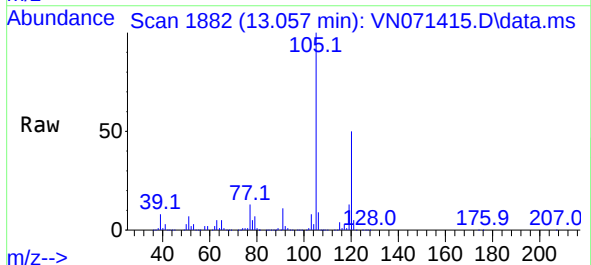
Manual Integrations
APPROVED

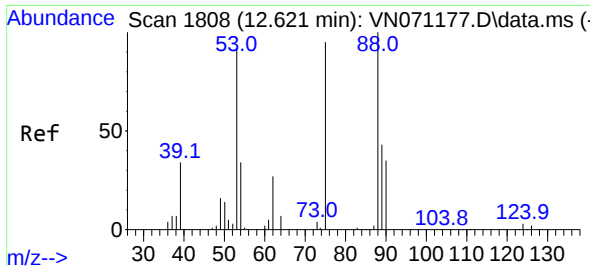
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.799 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

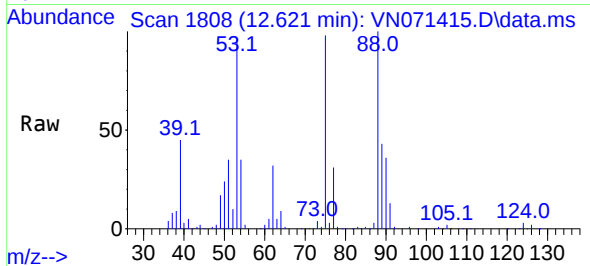
Tgt Ion:105 Resp: 1396135
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.718 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

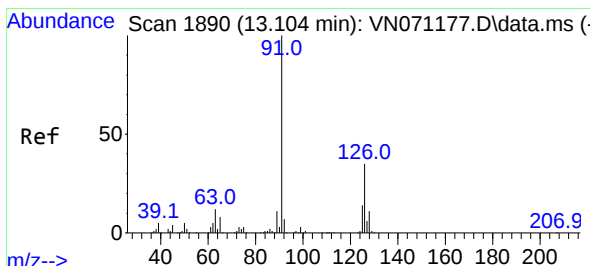
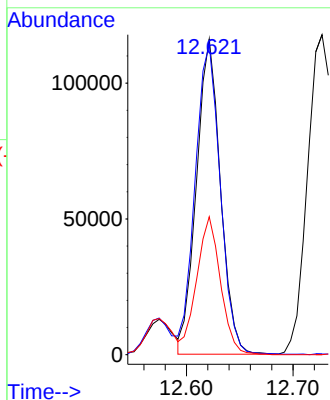
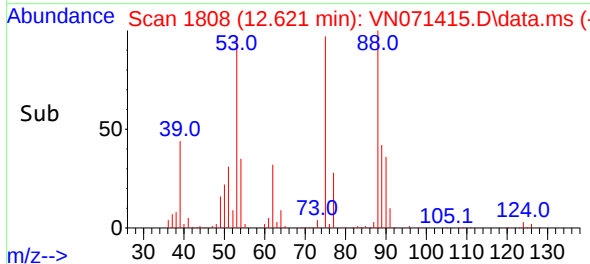
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



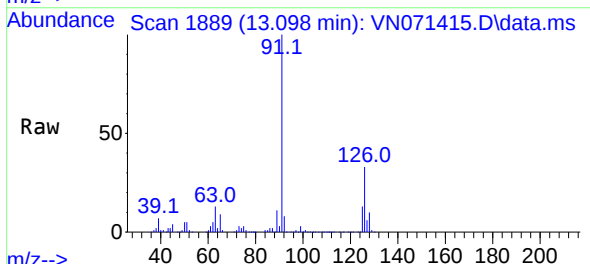
Tgt Ion: 75 Resp: 181912
Ion Ratio Lower Upper
75 100
53 103.3 90.5 135.7
89 43.8 38.2 57.4

Manual Integrations
APPROVED

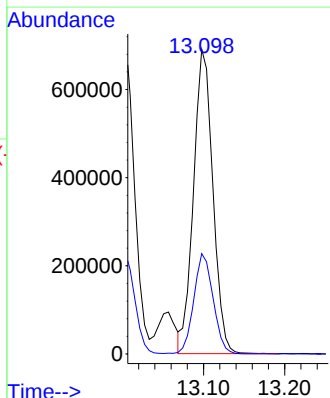
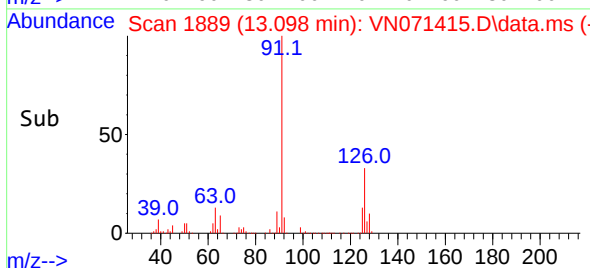
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

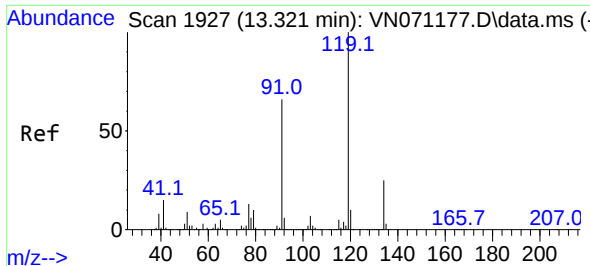


#82
4-Chlorotoluene
Concen: 53.875 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



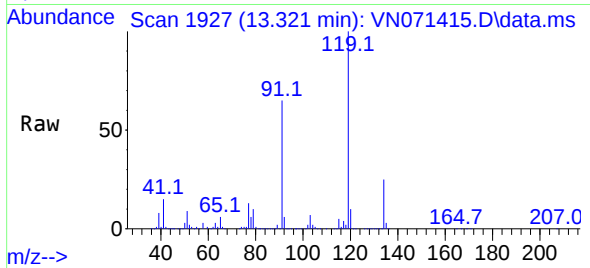
Tgt Ion: 91 Resp: 1145181
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.866 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

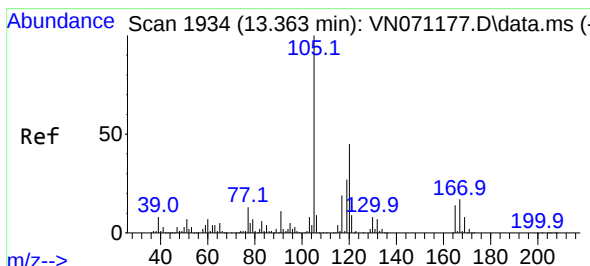
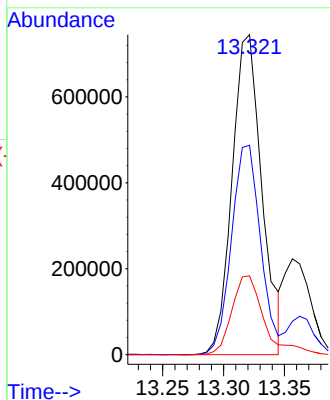
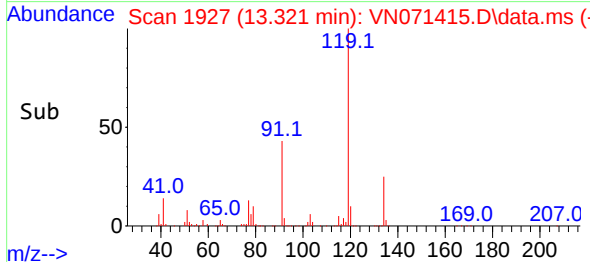
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



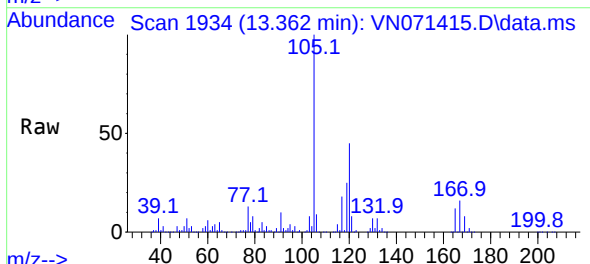
Tgt Ion:119 Resp: 1271611
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 26.6 12.4 37.4

Manual Integrations
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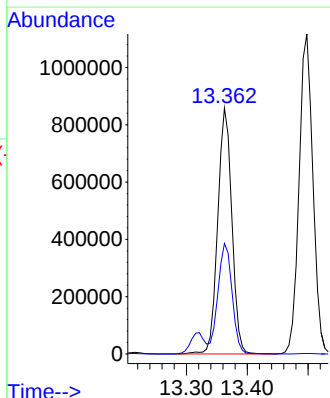
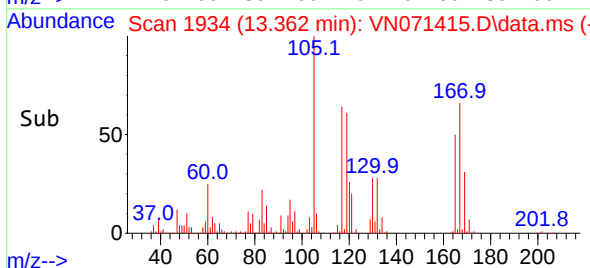
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

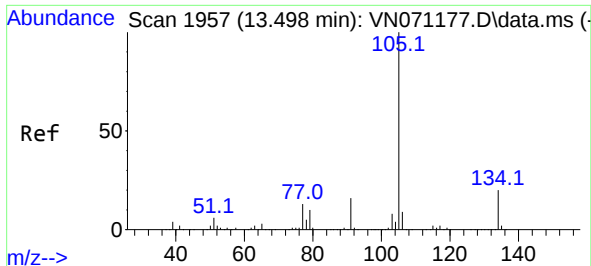


#84
1,2,4-Trimethylbenzene
Concen: 53.447 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



Tgt Ion:105 Resp: 1379831
Ion Ratio Lower Upper
105 100
120 45.4 22.8 68.4





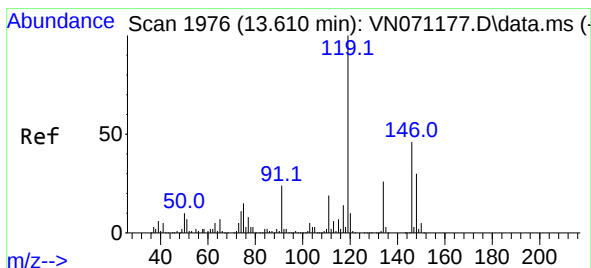
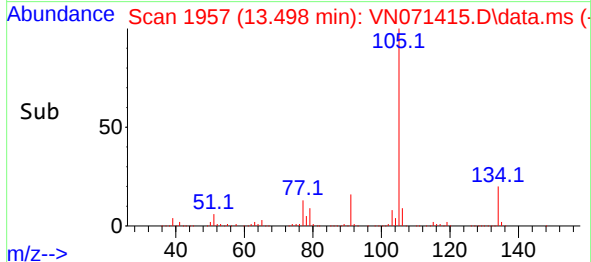
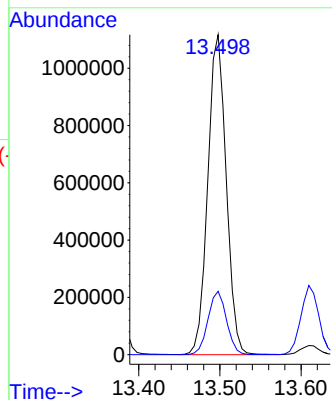
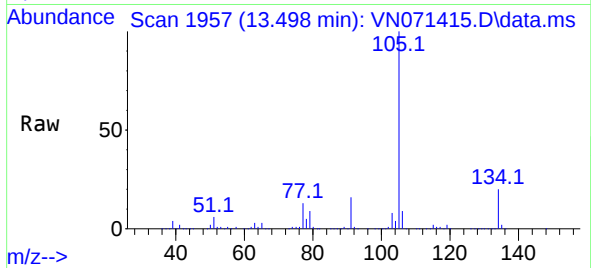
#85
sec-Butylbenzene
Concen: 54.960 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1757144
Ion Ratio Lower Upper
105 100
134 20.0 10.4 31.1

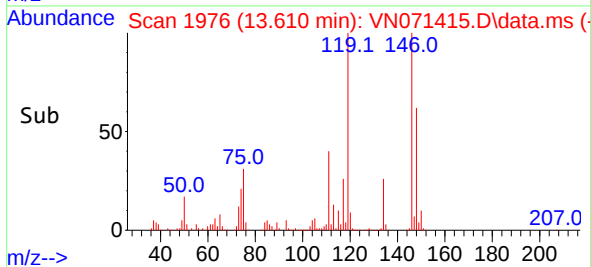
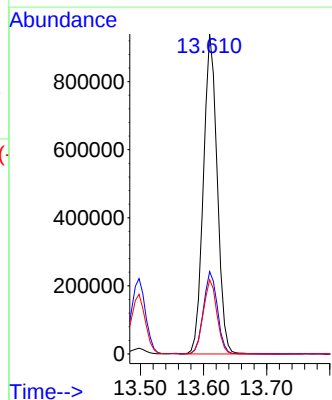
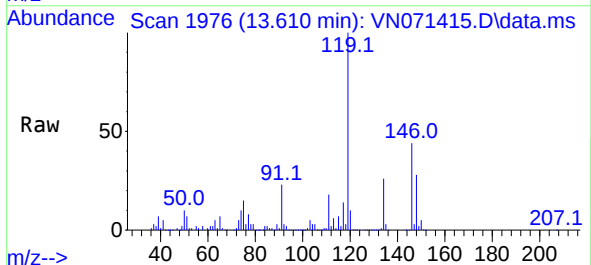
Manual Integrations
APPROVED

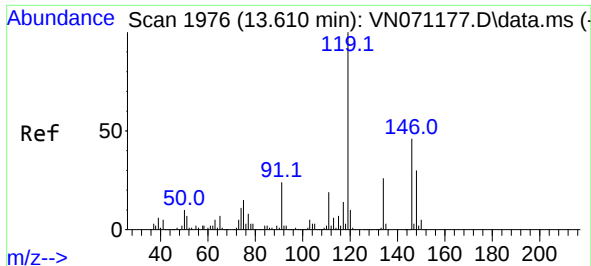
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#86
p-Isopropyltoluene
Concen: 56.761 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:119 Resp: 1427165
Ion Ratio Lower Upper
119 100
134 26.0 13.6 40.7
91 23.0 11.4 34.1





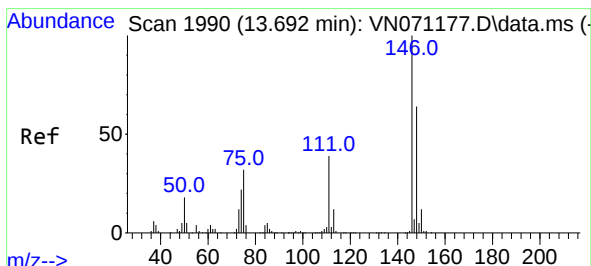
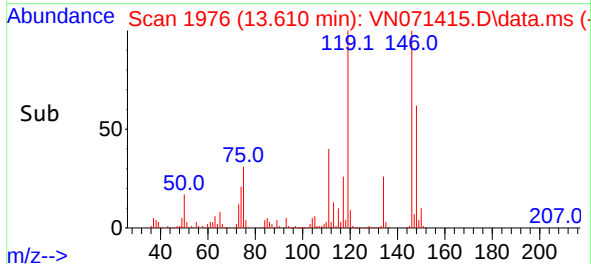
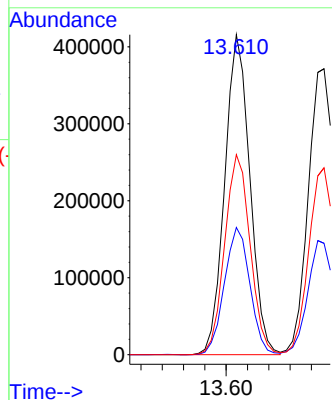
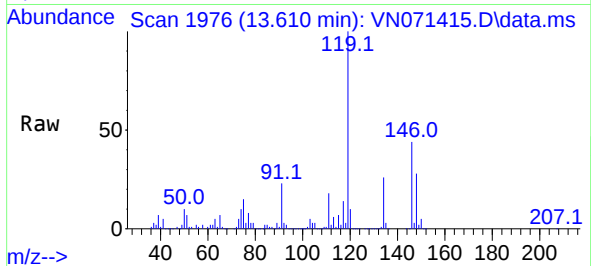
#87
1,3-Dichlorobenzene
Concen: 51.913 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 681417
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 63.4 31.6 95.0

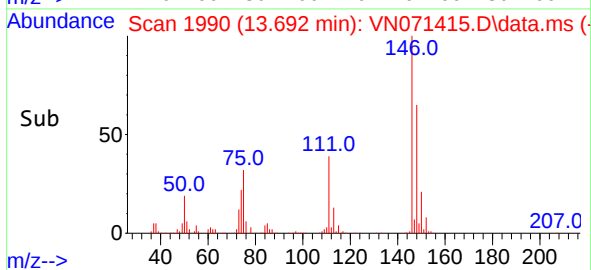
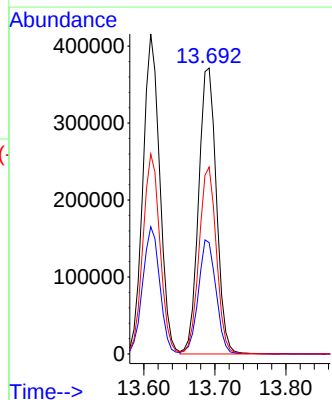
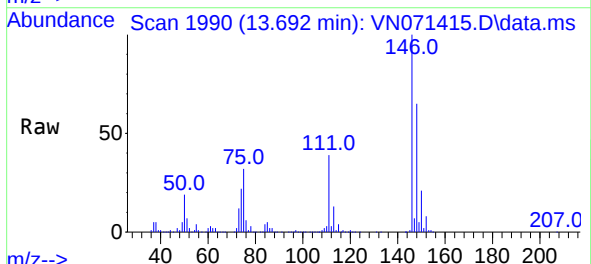
Manual Integrations
APPROVED

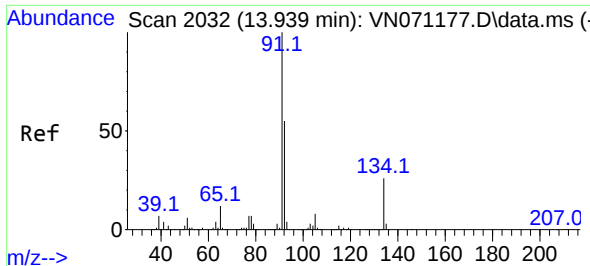
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#88
1,4-Dichlorobenzene
Concen: 50.602 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:146 Resp: 649272
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 56.831 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

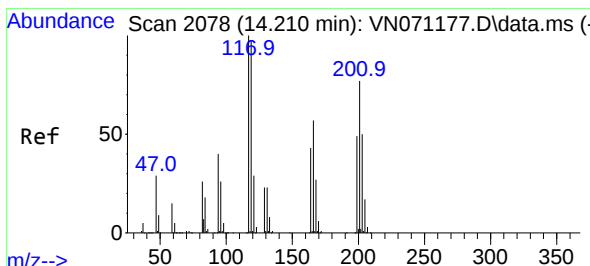
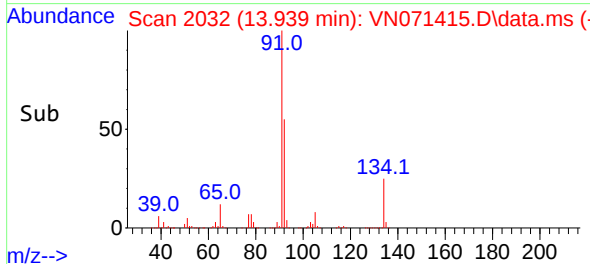
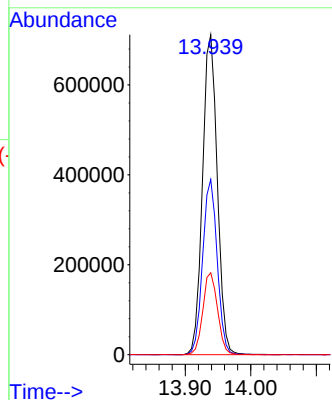
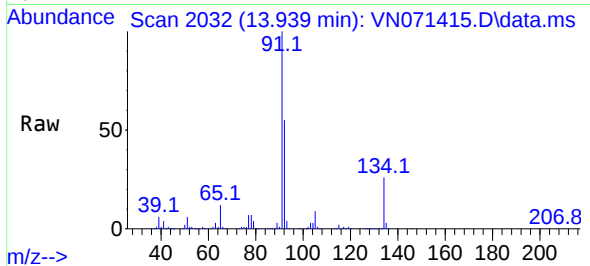
VSTDCCC050

Tgt Ion: 91 Resp: 1117618
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 25.5 13.6 40.8

Manual Integrations

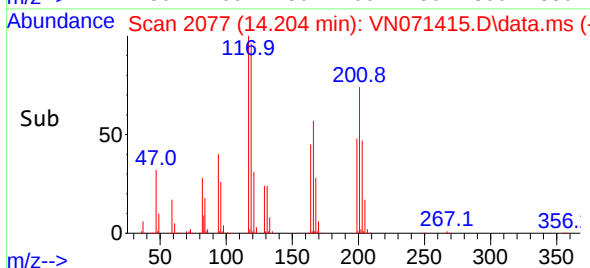
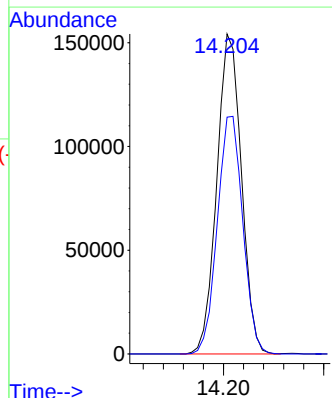
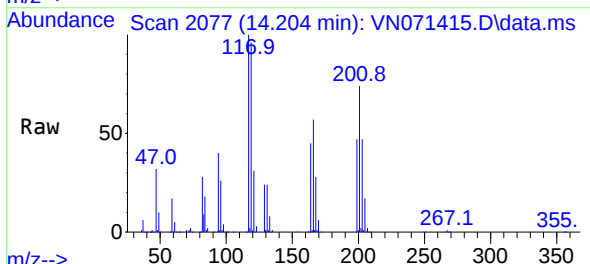
APPROVED

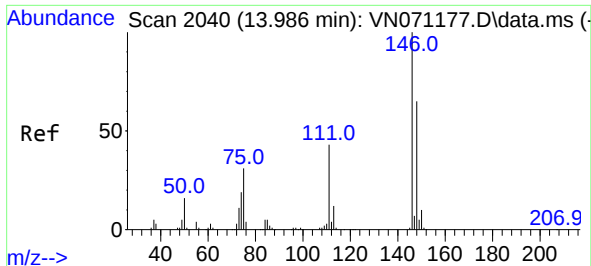
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 52.469 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

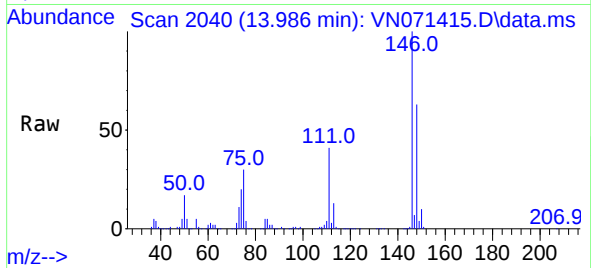
Tgt Ion:117 Resp: 262350
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.718 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

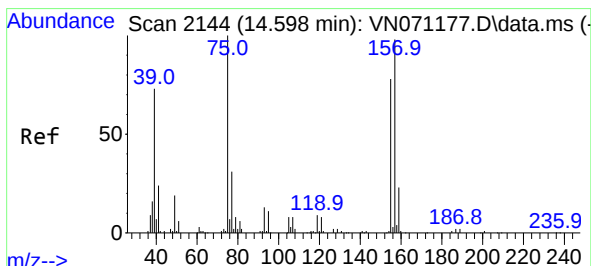
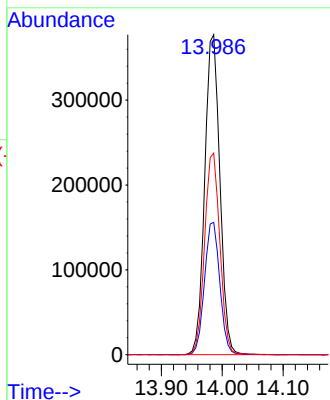
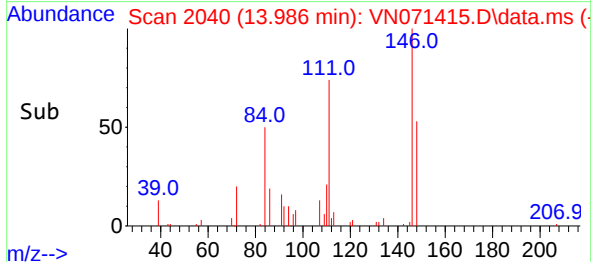
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



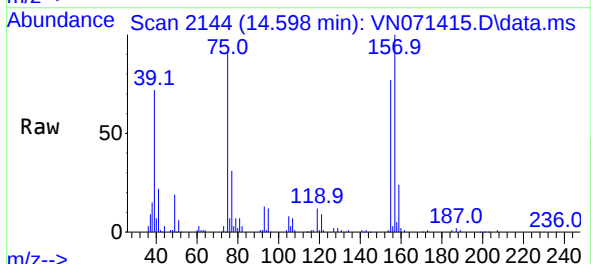
Tgt Ion:146 Resp: 652660
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 63.5 32.1 96.3

Manual Integrations
APPROVED

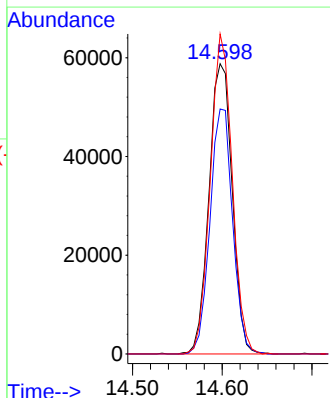
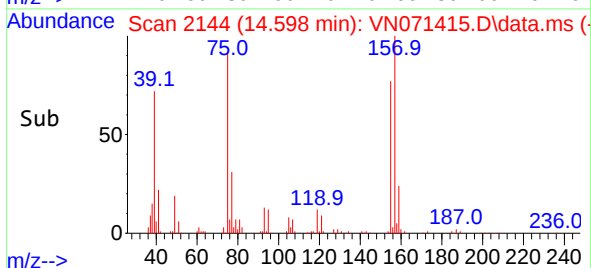
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

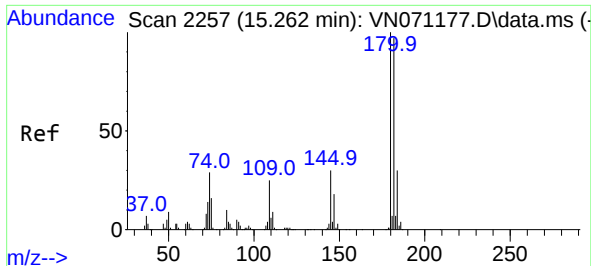


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.524 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



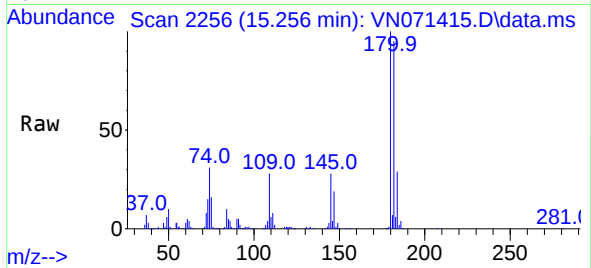
Tgt Ion: 75 Resp: 105873
Ion Ratio Lower Upper
75 100
155 82.1 46.9 140.7
157 103.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 53.333 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

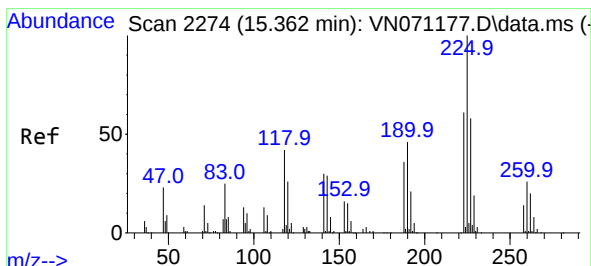
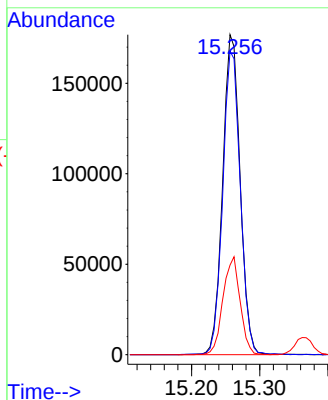
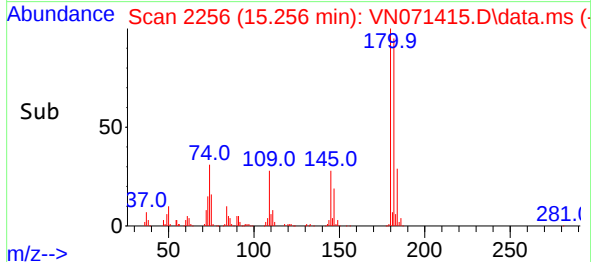
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



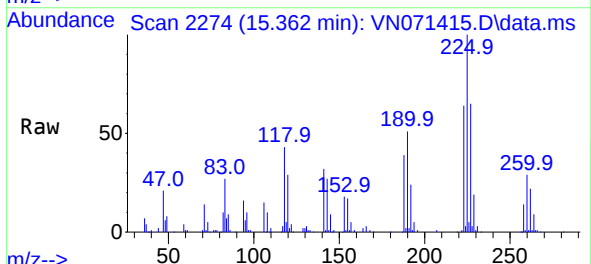
Tgt Ion:180 Resp: 31536
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 30.1 14.5 43.5

Manual Integrations
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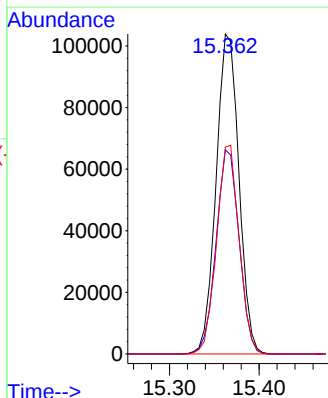
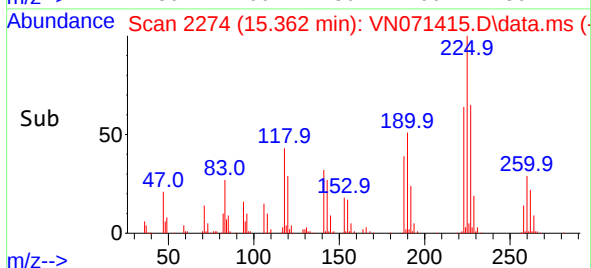
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

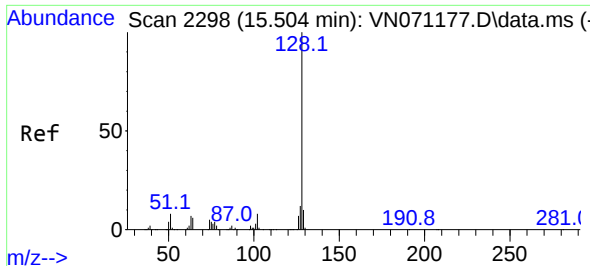


#94
Hexachlorobutadiene
Concen: 51.848 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19



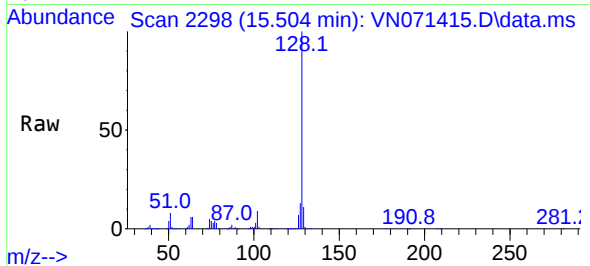
Tgt Ion:225 Resp: 183681
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.7
227 64.3 32.1 96.3





#95
Naphthalene
Concen: 57.272 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

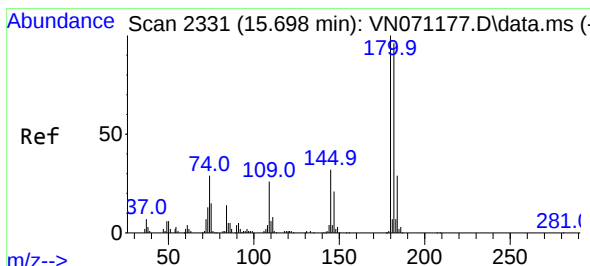
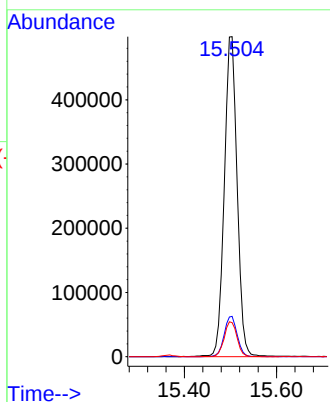
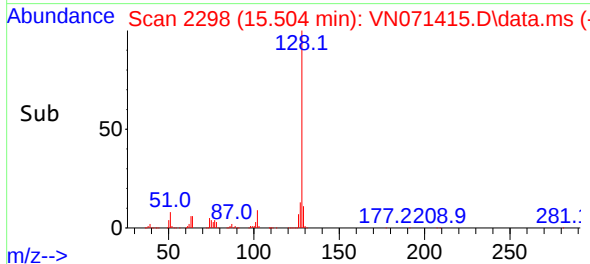
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 95706
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 56.266 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071415.D
Acq: 21 Mar 2022 12:19

Tgt Ion:180 Resp: 319511
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 31.4 15.0 45.1

