

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071437.D
 Acq On : 21 Mar 2022 23:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 06:26:01 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	8.081	168	624697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1027298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	973213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	391624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	436058	50.931	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.860%			
35) Dibromofluoromethane	8.016	113	333422	51.433	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.860%			
50) Toluene-d8	10.439	98	1312150	50.272	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.727	95	469865	53.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	278851	40.729	ug/l	99
3) Chloromethane	2.293	50	397045	43.192	ug/l	99
4) Vinyl Chloride	2.434	62	370269	44.130	ug/l	99
5) Bromomethane	2.816	94	164801	43.170	ug/l	100
6) Chloroethane	2.987	64	233962	46.045	ug/l	99
7) Trichlorofluoromethane	3.357	101	501804	45.439	ug/l	95
8) Diethyl Ether	3.822	74	230502	48.775	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	292549	45.760	ug/l	95
10) Methyl Iodide	4.416	142	396497	43.910	ug/l	99
11) Tert butyl alcohol	5.363	59	486216	289.084	ug/l	98
12) 1,1-Dichloroethene	4.175	96	288848	46.121	ug/l	94
13) Acrolein	4.034	56	355896	199.917	ug/l	100
14) Allyl chloride	4.834	41	630458	46.284	ug/l	86
15) Acrylonitrile	5.545	53	1295511	259.407	ug/l	99
16) Acetone	4.281	43	1100399	264.147	ug/l	98
17) Carbon Disulfide	4.522	76	686193	38.486	ug/l	99
18) Methyl Acetate	4.845	43	612219	54.676	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1205215	51.255	ug/l	96
20) Methylene Chloride	5.087	84	364749	47.922	ug/l	91
21) trans-1,2-Dichloroethene	5.587	96	303083	44.244	ug/l	91
22) Diisopropyl ether	6.492	45	1335999	49.785	ug/l	91
23) Vinyl Acetate	6.428	43	5886168	259.092	ug/l	98
24) 1,1-Dichloroethane	6.381	63	685242	48.324	ug/l	99
25) 2-Butanone	7.328	43	1825057	271.962	ug/l	94
26) 2,2-Dichloropropane	7.322	77	487693	44.580	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	390119	47.983	ug/l	91
28) Bromochloromethane	7.651	49	297868	47.170	ug/l	83
29) Tetrahydrofuran	7.681	42	1224721	263.436	ug/l	91
30) Chloroform	7.816	83	655222	48.446	ug/l	98
31) Cyclohexane	8.092	56	591980	43.298	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	565578	49.093	ug/l	98
36) 1,1-Dichloropropene	8.216	75	474416	45.676	ug/l	96
37) Ethyl Acetate	7.404	43	701226	49.056	ug/l	98
38) Carbon Tetrachloride	8.204	117	471454	46.927	ug/l	98
39) Methylcyclohexane	9.457	83	561574	45.960	ug/l	92
40) Benzene	8.457	78	1482476	47.373	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	344901	49.304	ug/l	92
42) 1,2-Dichloroethane	8.528	62	543192	49.881	ug/l	99
43) Isopropyl Acetate	8.557	43	1102461	51.575	ug/l	96
44) Trichloroethene	9.210	130	351335	47.582	ug/l	95
45) 1,2-Dichloropropane	9.486	63	405892	48.317	ug/l	100
46) Dibromomethane	9.575	93	253316	48.993	ug/l	96
47) Bromodichloromethane	9.757	83	513571	49.150	ug/l	100
48) Methyl methacrylate	9.557	41	527571	53.257	ug/l #	83
49) 1,4-Dioxane	9.563	88	200172	1162.513	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	3645862	274.825	ug/l	99
52) Toluene	10.504	92	929987	48.261	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	575316	49.948	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	619490	49.222	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	383885	49.715	ug/l	98
56) Ethyl methacrylate	10.757	69	677994	53.766	ug/l	92
57) 1,3-Dichloropropane	11.039	76	684483	49.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	801258	296.593	ug/l	95
59) 2-Hexanone	11.080	43	2717084	300.177	ug/l	100
60) Dibromochloromethane	11.233	129	396653	51.699	ug/l	99
61) 1,2-Dibromoethane	11.339	107	389824	49.395	ug/l	100
64) Tetrachloroethene	10.974	164	296418	43.671	ug/l	97
65) Chlorobenzene	11.769	112	995712	47.641	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	373158	48.692	ug/l	99
67) Ethyl Benzene	11.839	91	1816809	49.164	ug/l	96
68) m/p-Xylenes	11.951	106	1346893	99.630	ug/l	97
69) o-Xylene	12.274	106	682418	50.358	ug/l	97
70) Styrene	12.292	104	1103789	52.620	ug/l	98
71) Bromoform	12.451	173	308832	53.065	ug/l #	100
73) Isopropylbenzene	12.574	105	1773709	46.983	ug/l	99
74) N-amyl acetate	12.380	43	780546	54.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	620810	55.626	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	485562m	51.226	ug/l	
77) Bromobenzene	12.857	156	404613	45.962	ug/l	77
78) n-propylbenzene	12.916	91	1956741	48.302	ug/l	98
79) 2-Chlorotoluene	13.004	91	1210727	46.558	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1406956	47.903	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	183581	50.674	ug/l	94
82) 4-Chlorotoluene	13.098	91	1138467	49.150	ug/l	94
83) tert-Butylbenzene	13.321	119	1292131	49.296	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1382769	49.151	ug/l	100
85) sec-Butylbenzene	13.498	105	1739823	49.938	ug/l	99
86) p-Isopropyltoluene	13.610	119	1396016	50.951	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	667937	46.697	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	645579	46.172	ug/l	98
89) n-Butylbenzene	13.939	91	1065850	49.737	ug/l	96
90) Hexachloroethane	14.204	117	264035	48.459	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	649627	47.240	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	118641	54.012	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	317322	49.475	ug/l	98
94) Hexachlorobutadiene	15.368	225	180298	46.703	ug/l	98
95) Naphthalene	15.498	128	1029498	56.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	323139	52.417	ug/l	99

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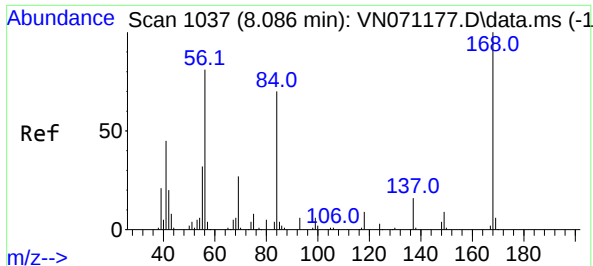
Manual Integrations
APPROVED

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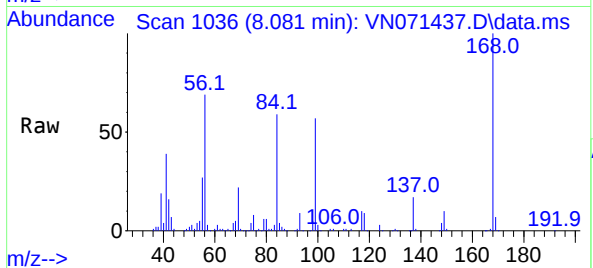
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
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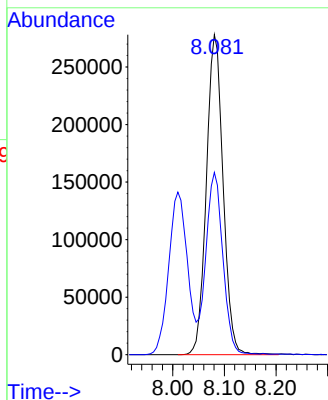
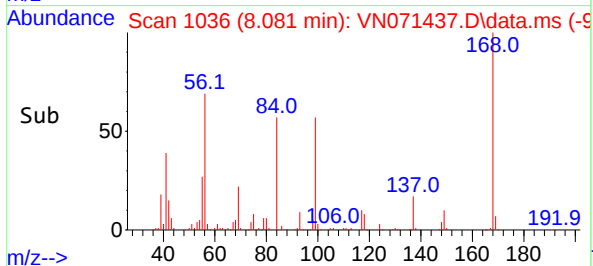
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



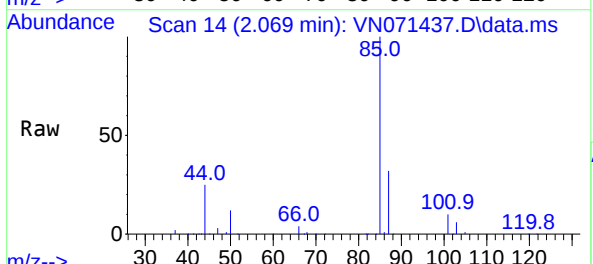
Tgt Ion:168 Resp: 62469
Ion Ratio Lower Upper
168 100
99 56.8 41.3 61.9

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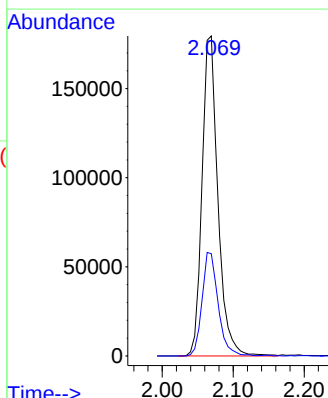
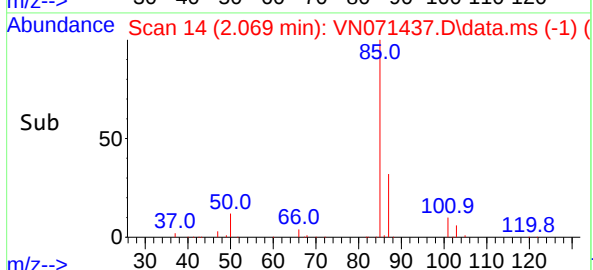
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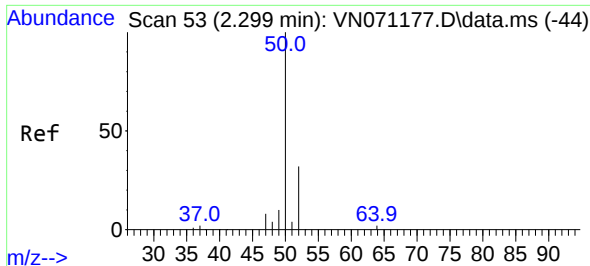


#2
Dichlorodifluoromethane
Concen: 40.729 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



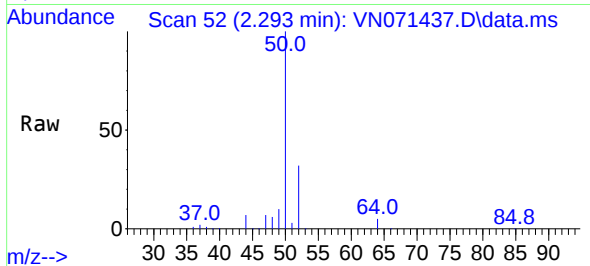
Tgt Ion: 85 Resp: 278851
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 43.192 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

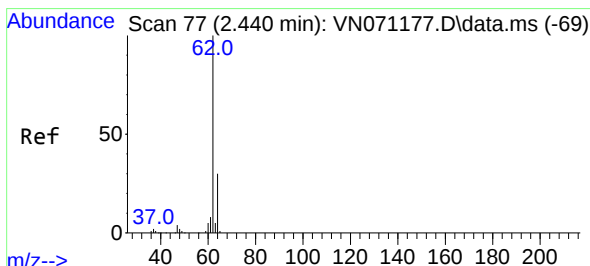
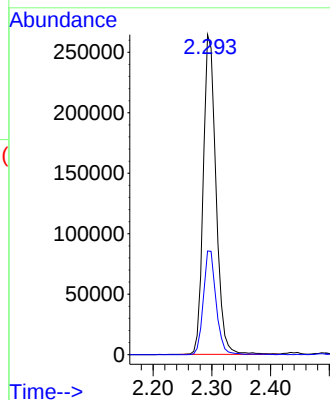
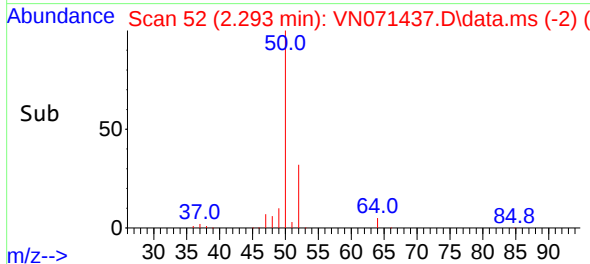
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Tgt Ion: 50 Resp: 397045
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

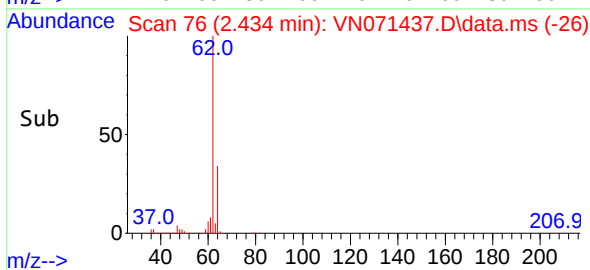
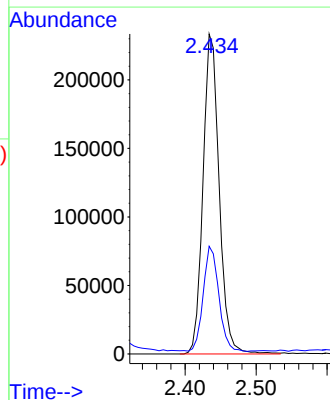
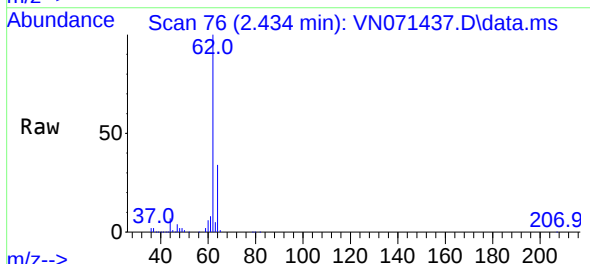
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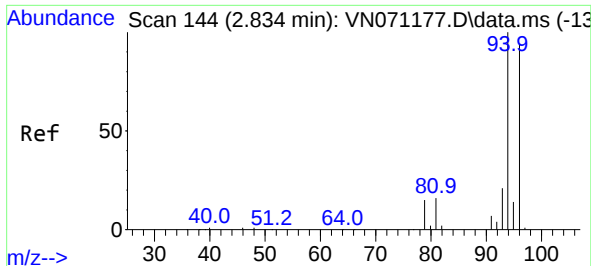
Reviewed By :John Carlone 03/22/2022
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#4
Vinyl Chloride
Concen: 44.130 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN071437.D
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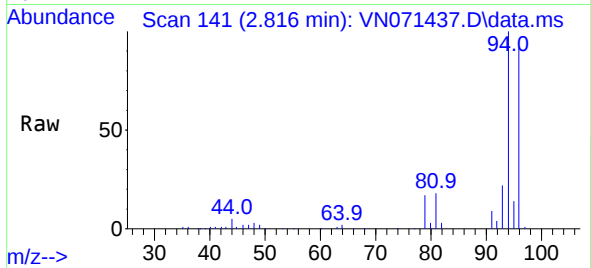
Tgt Ion: 62 Resp: 370269
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





#5
Bromomethane
Concen: 43.170 ug/l
RT: 2.816 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071437.D
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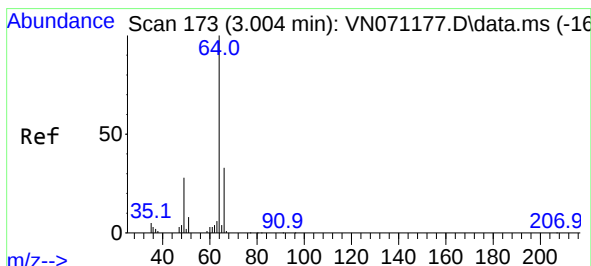
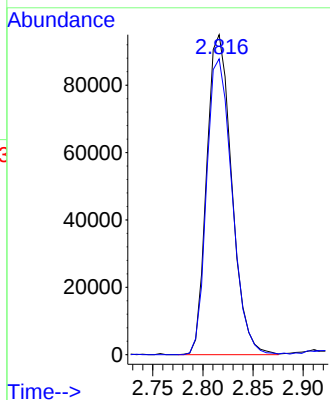
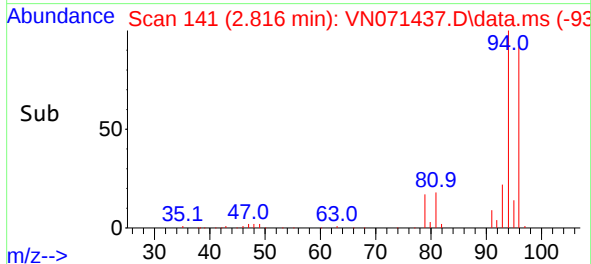
Instrument :
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Tgt Ion: 94 Resp: 16480
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

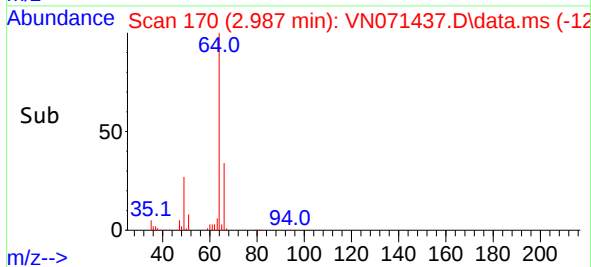
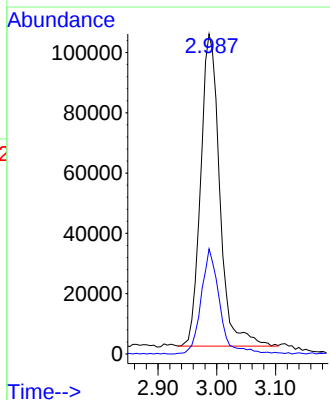
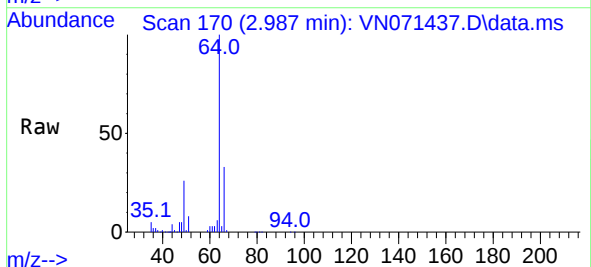
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#6
Chloroethane
Concen: 46.045 ug/l
RT: 2.987 min Scan# 170
Delta R.T. -0.017 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion: 64 Resp: 233962
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5





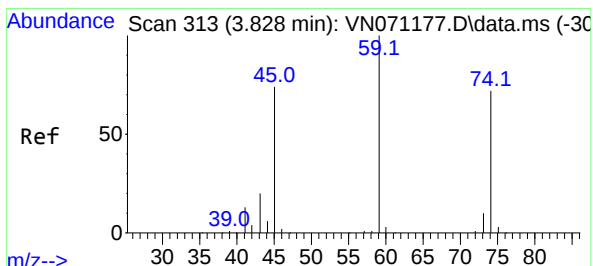
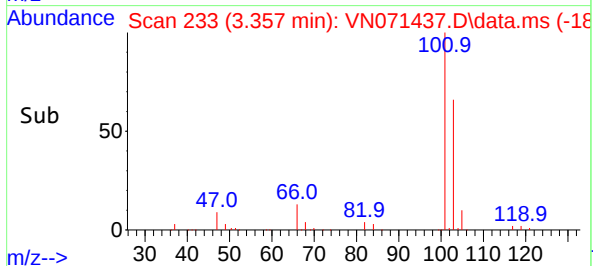
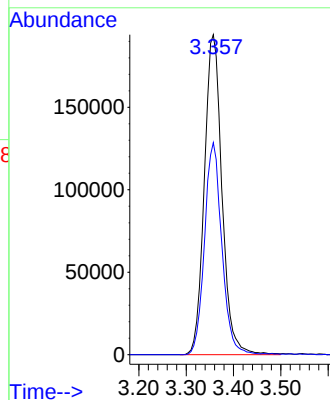
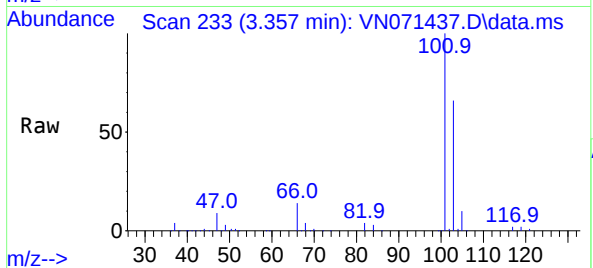
#7
Trichlorofluoromethane
Concen: 45.439 ug/l
RT: 3.357 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 501804
Ion Ratio Lower Upper
101 100
103 66.3 50.1 75.1

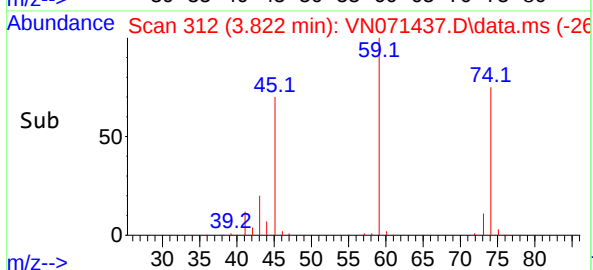
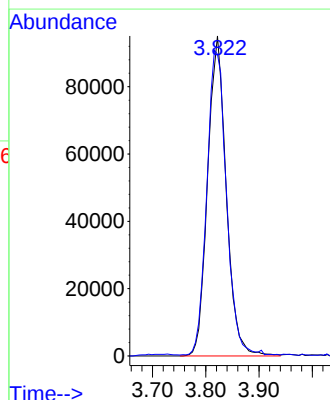
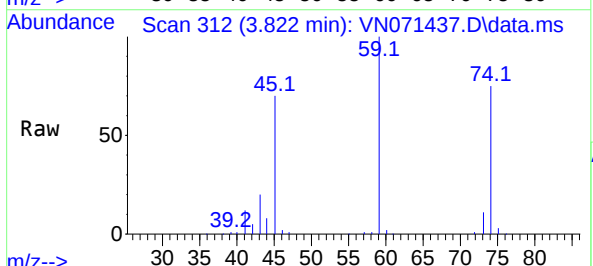
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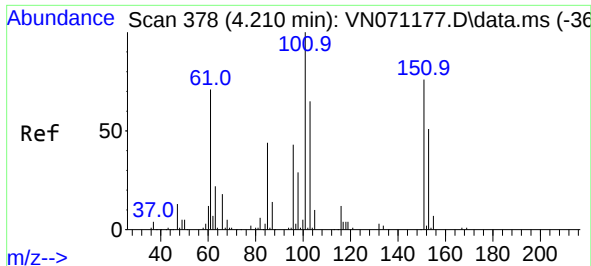
Reviewed By :John Carlone 03/22/2022
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#8
Diethyl Ether
Concen: 48.775 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion: 74 Resp: 230502
Ion Ratio Lower Upper
74 100
45 100.4 47.0 141.2





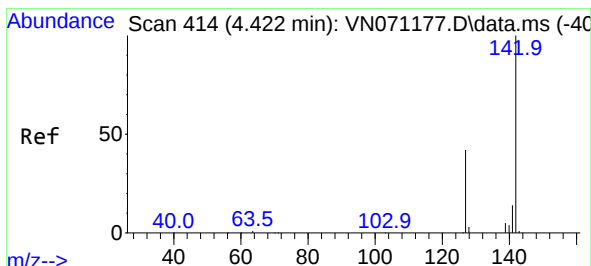
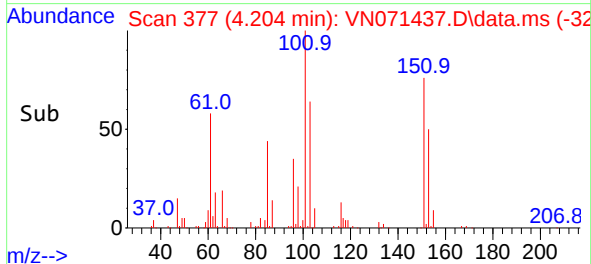
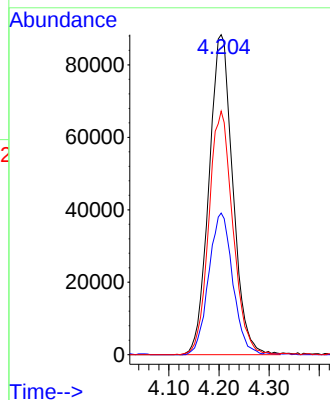
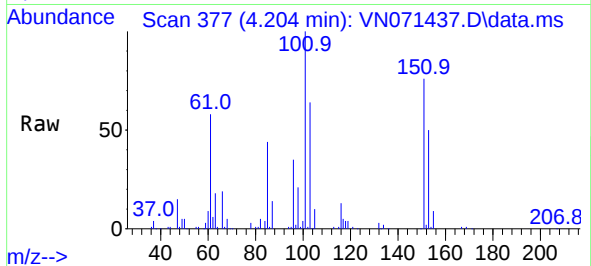
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1,1,2-Trichlorotrifluoroethane
Concen: 45.760 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
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Tgt Ion:101 Resp: 292549
Ion Ratio Lower Upper
101 100
85 44.5 37.2 55.8
151 76.6 65.9 98.9

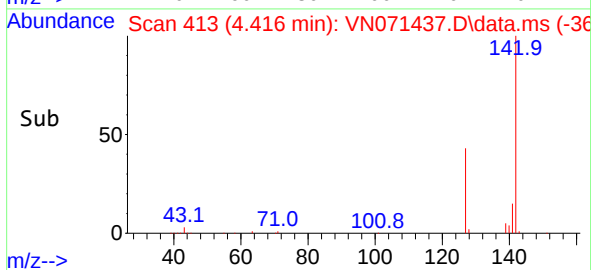
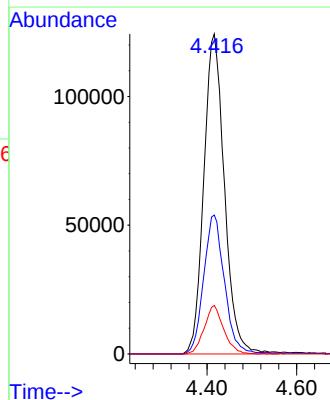
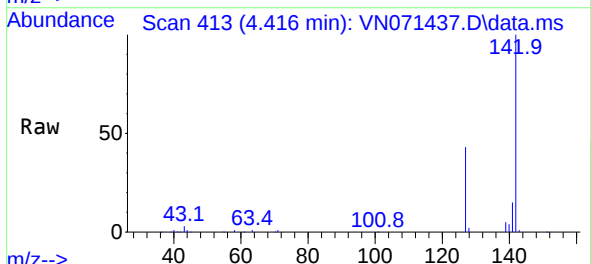
Manual Integrations
APPROVED

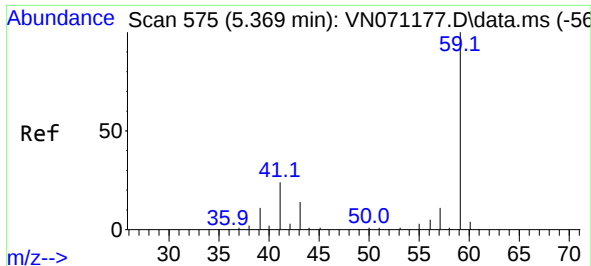
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 43.910 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

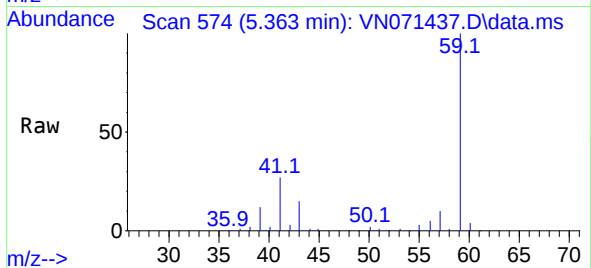
Tgt Ion:142 Resp: 396497
Ion Ratio Lower Upper
142 100
127 43.6 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 289.084 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

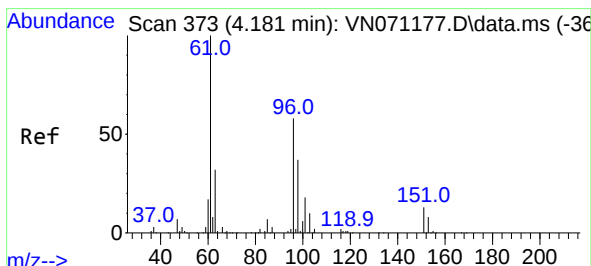
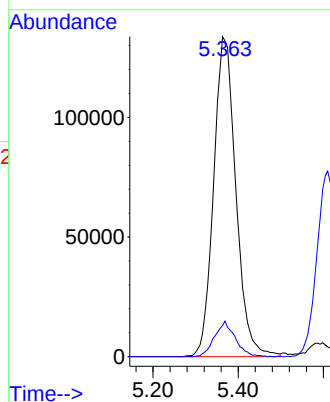
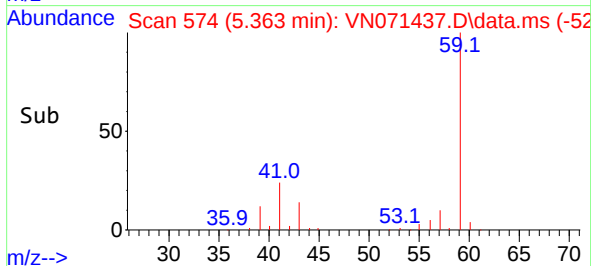
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



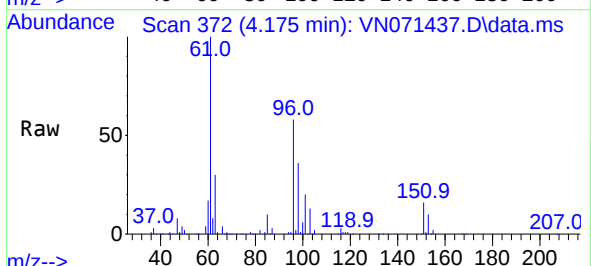
Tgt Ion: 59 Resp: 486210
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

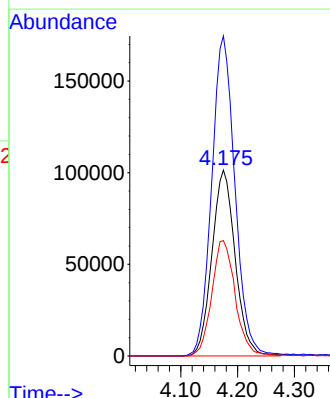
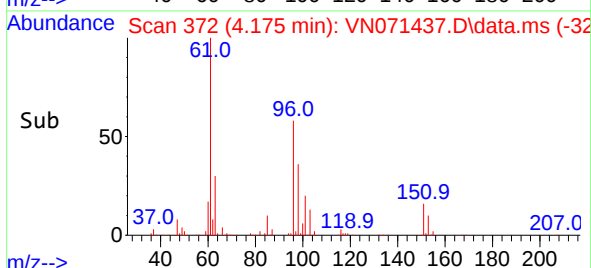
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

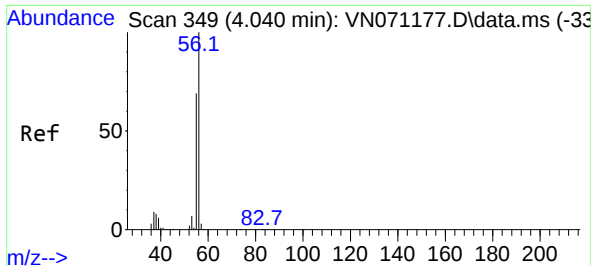


#12
1,1-Dichloroethene
Concen: 46.121 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 96 Resp: 288848
Ion Ratio Lower Upper
96 100
61 172.1 131.0 196.6
98 62.1 52.4 78.6





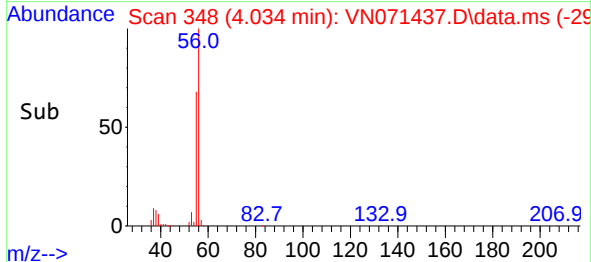
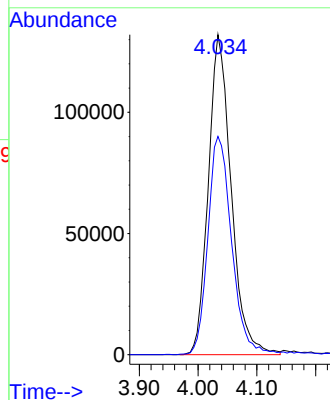
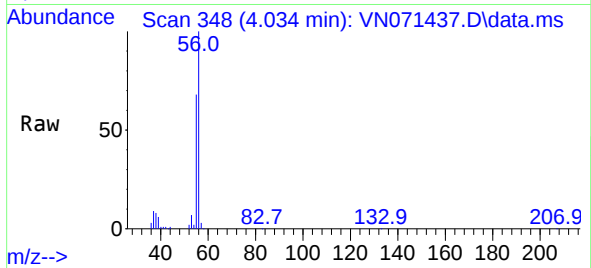
#13
Acrolein
Concen: 199.917 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 355890
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

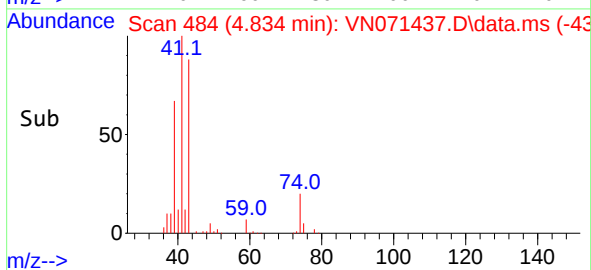
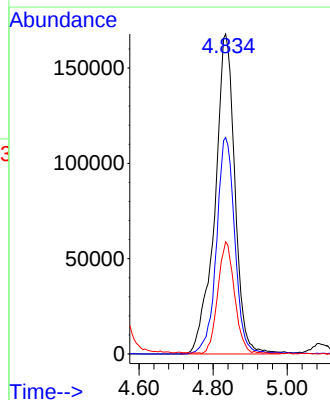
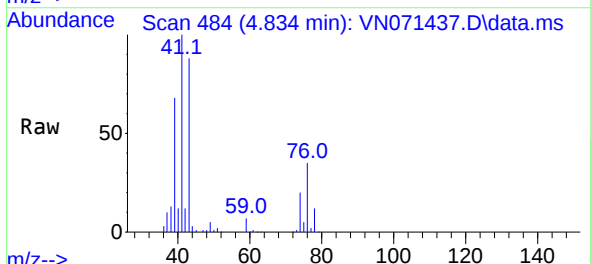
Manual Integrations
APPROVED

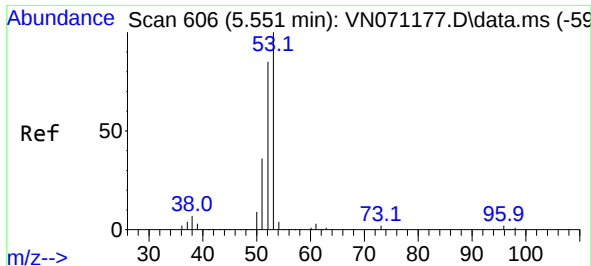
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#14
Allyl chloride
Concen: 46.284 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

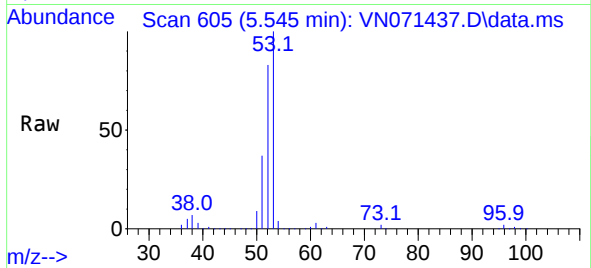
Tgt Ion: 41 Resp: 630458
Ion Ratio Lower Upper
41 100
39 61.8 61.2 91.8
76 29.1 26.0 39.0





#15
Acrylonitrile
Concen: 259.407 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

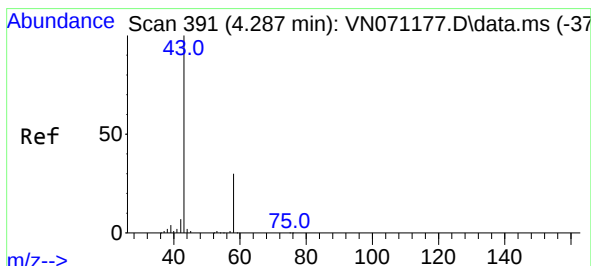
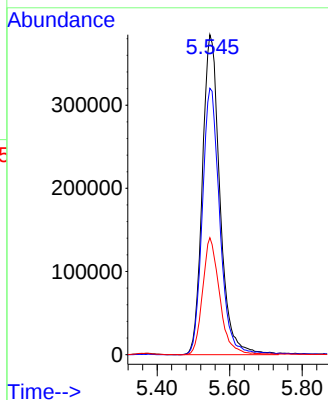
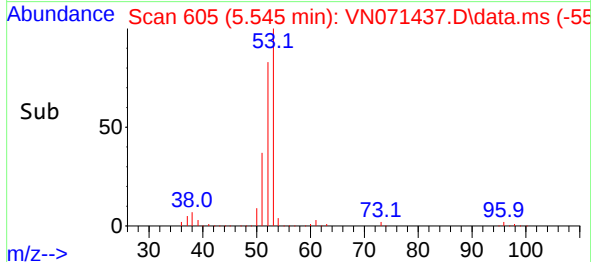
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 129551
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 35.7 29.6 44.4

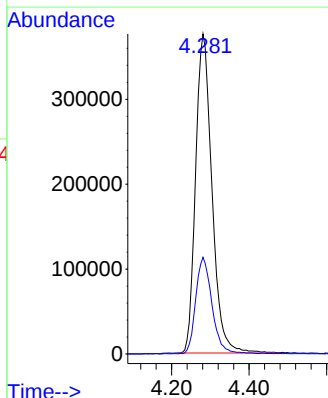
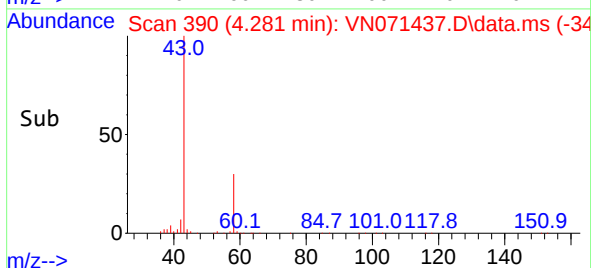
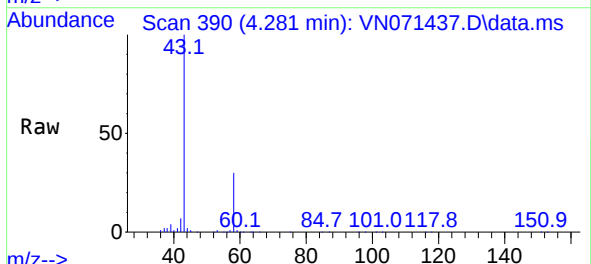
Manual Integrations
APPROVED

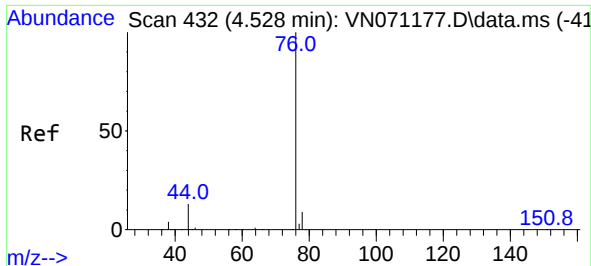
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 264.147 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion: 43 Resp: 1100399
Ion Ratio Lower Upper
43 100
58 30.2 23.1 34.7





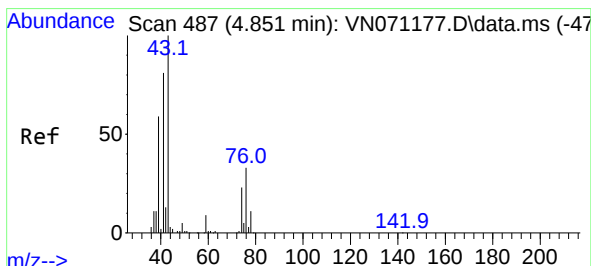
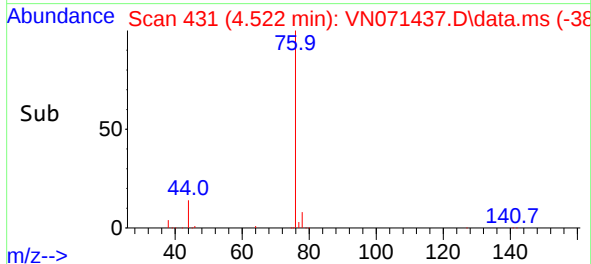
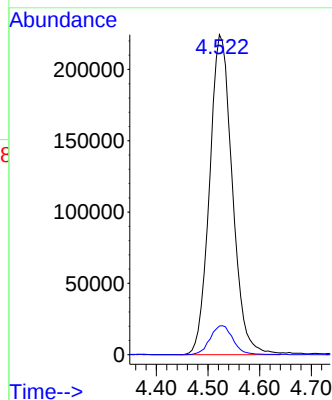
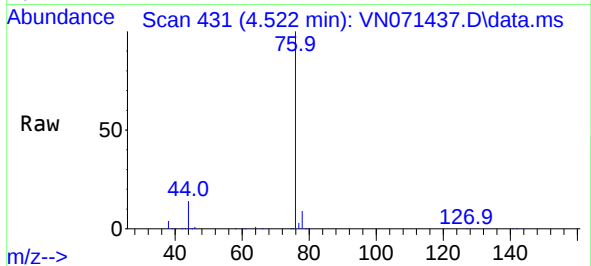
#17
Carbon Disulfide
Concen: 38.486 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 68619
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

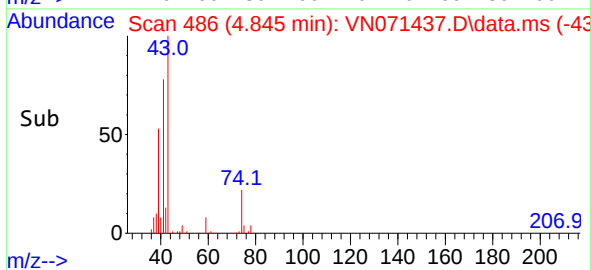
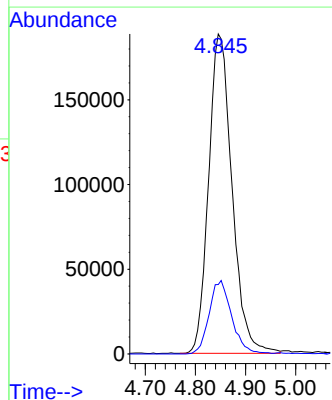
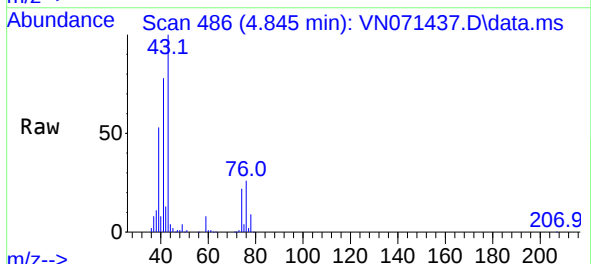
Manual Integrations
APPROVED

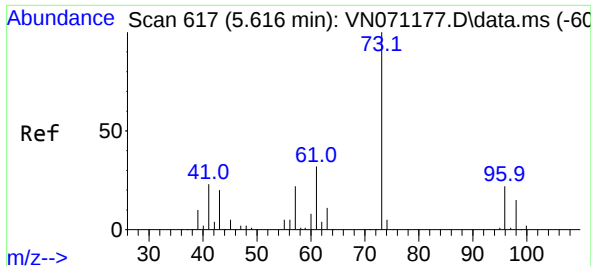
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#18
Methyl Acetate
Concen: 54.676 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

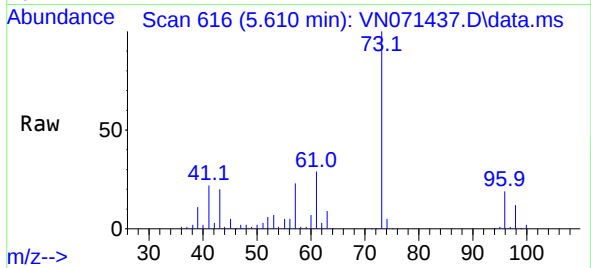
Tgt Ion: 43 Resp: 612219
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.255 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

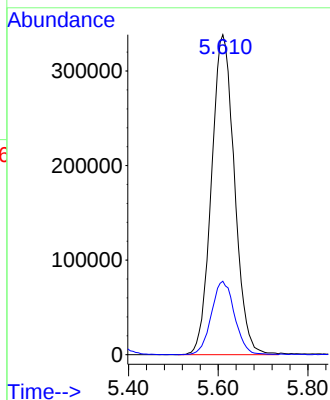
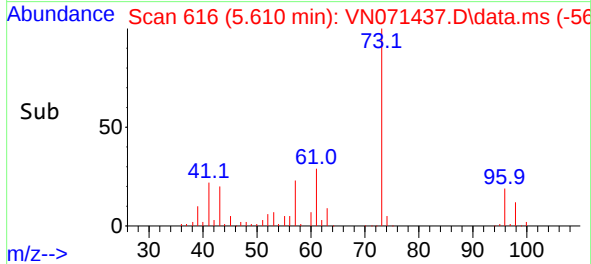
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



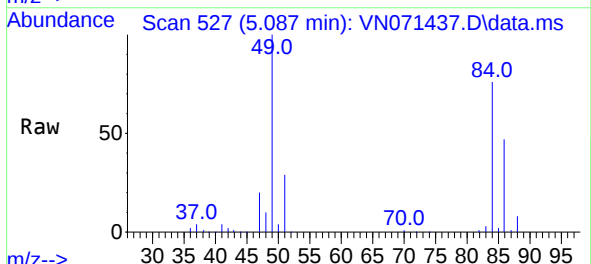
Tgt Ion: 73 Resp: 120521
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

Manual Integrations
APPROVED

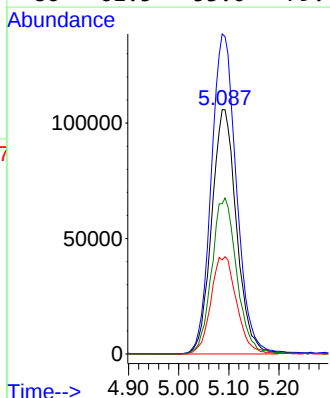
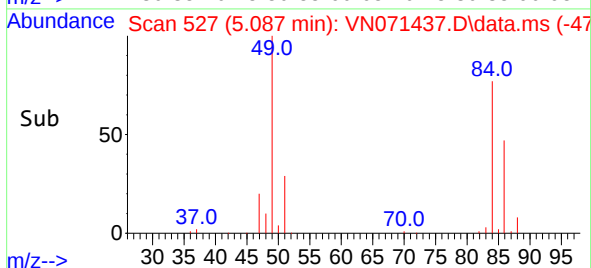
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#20
Methylene Chloride
Concen: 47.922 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 84 Resp: 364749
Ion Ratio Lower Upper
84 100
49 130.9 93.5 140.3
51 38.5 29.4 44.2
86 61.5 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 44.244 ug/l

RT: 5.587 min Scan# 614

Delta R.T. -0.012 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 30308

Ion Ratio Lower Upper

96 100

61 145.3 105.8 158.6

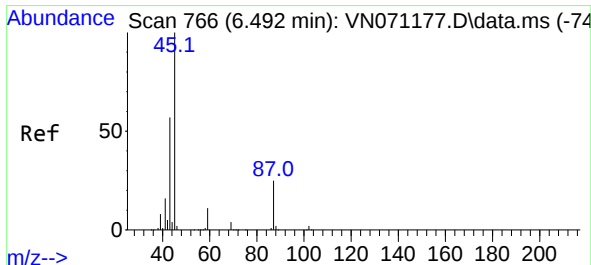
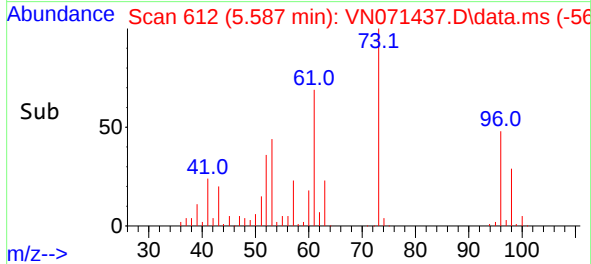
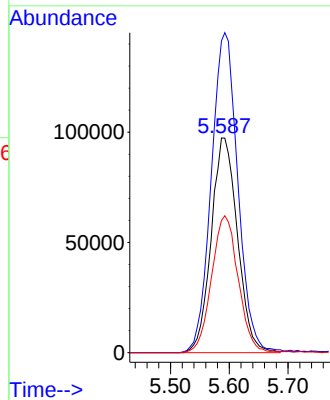
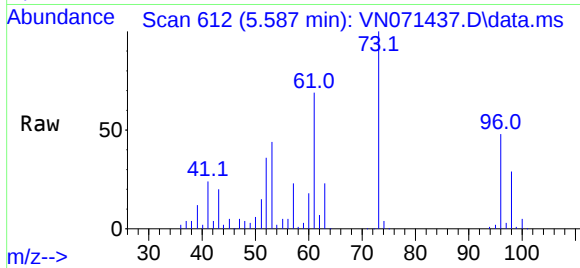
98 61.6 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#22

Diisopropyl ether

Concen: 49.785 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Tgt Ion: 45 Resp: 1335999

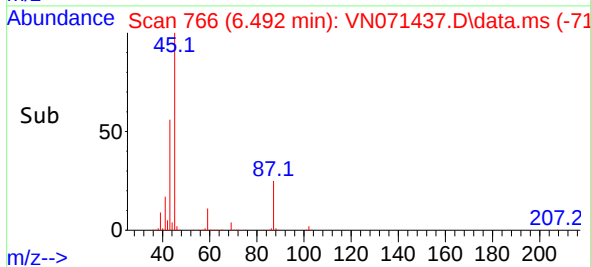
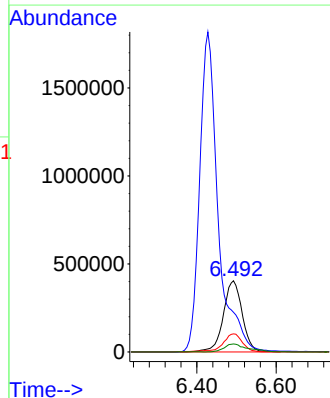
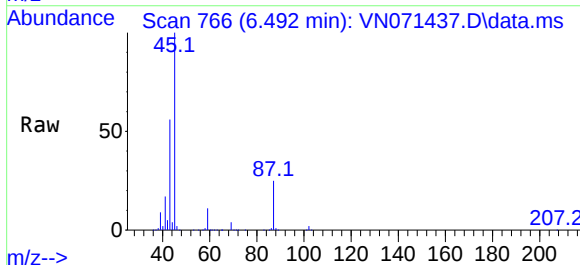
Ion Ratio Lower Upper

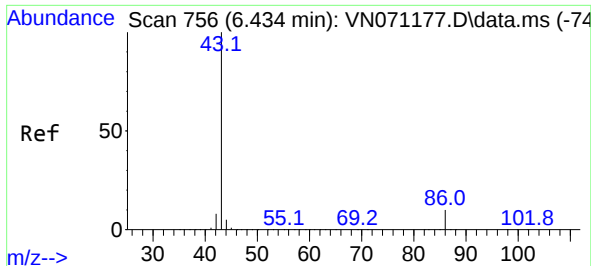
45 100

43 55.4 51.7 77.5

87 25.3 23.2 34.8

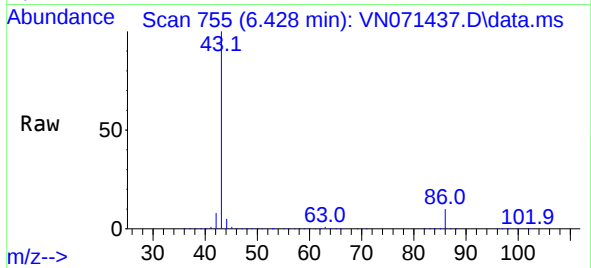
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.092 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN071437.D
 Acq: 21 Mar 2022 23:18

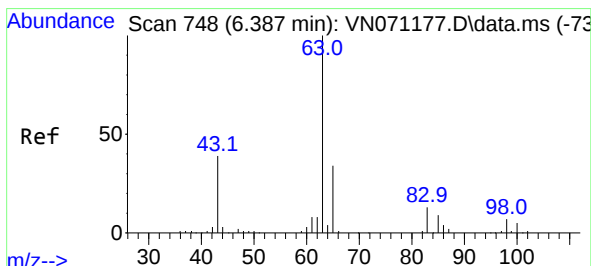
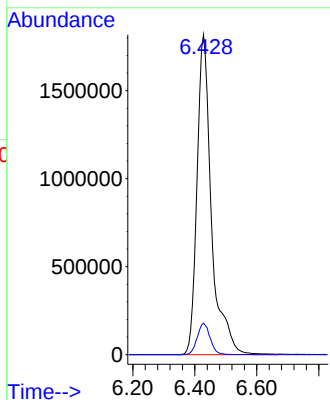
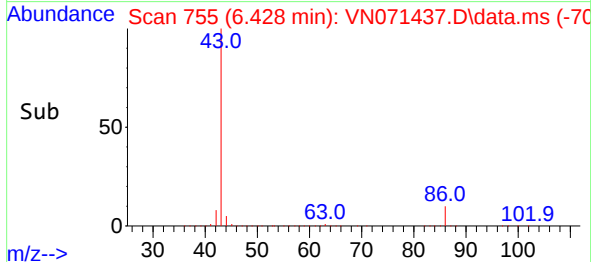
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



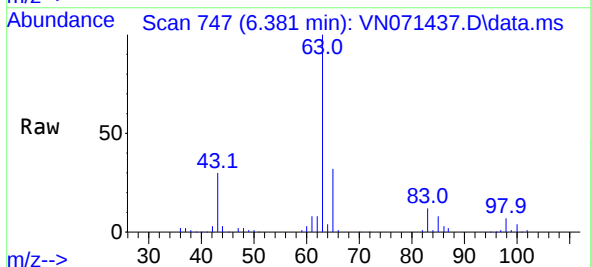
Tgt Ion: 43 Resp: 588616
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

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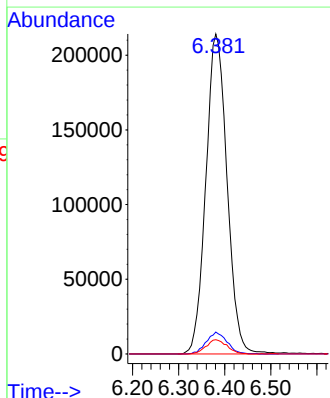
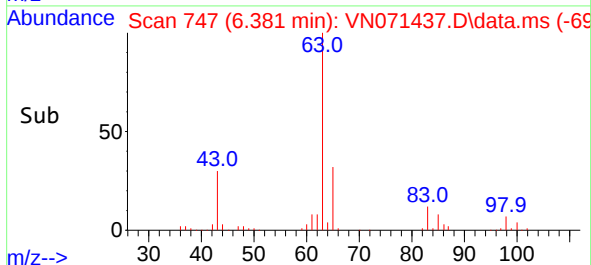
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

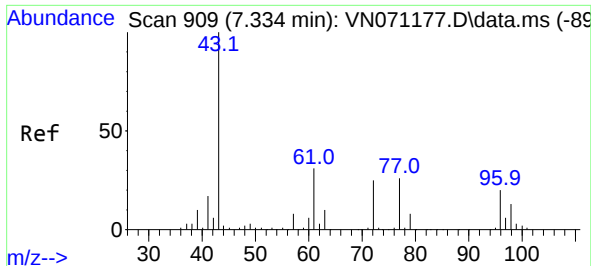


#24
 1,1-Dichloroethane
 Concen: 48.324 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071437.D
 Acq: 21 Mar 2022 23:18



Tgt Ion: 63 Resp: 685242
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.5 2.1 6.5





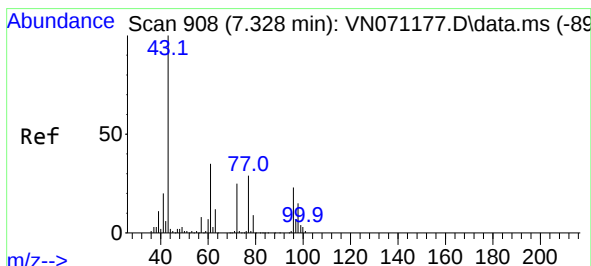
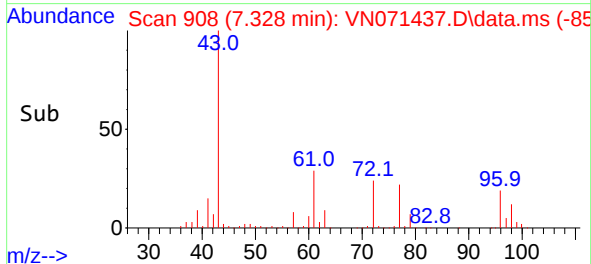
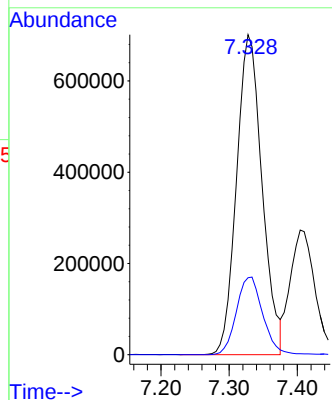
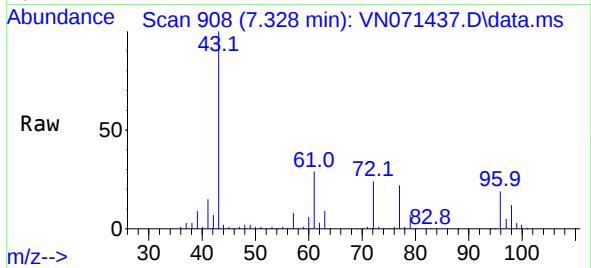
#25
2-Butanone
Concen: 271.962 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 182505
Ion Ratio Lower Upper
43 100
72 24.1 21.7 32.5

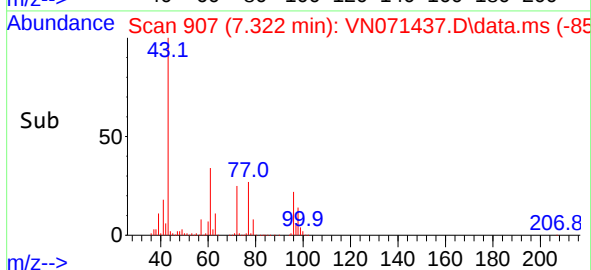
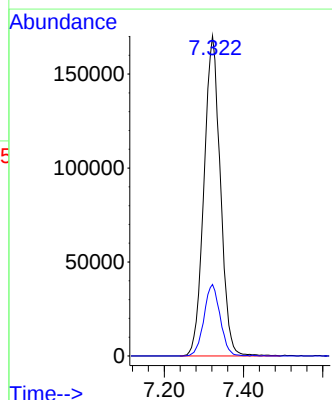
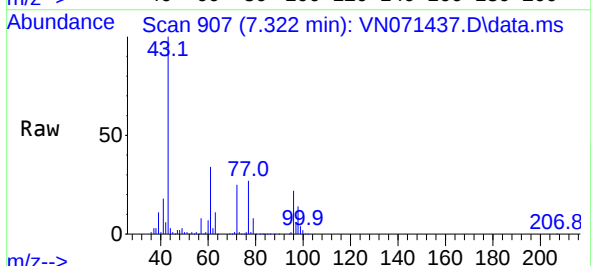
Manual Integrations
APPROVED

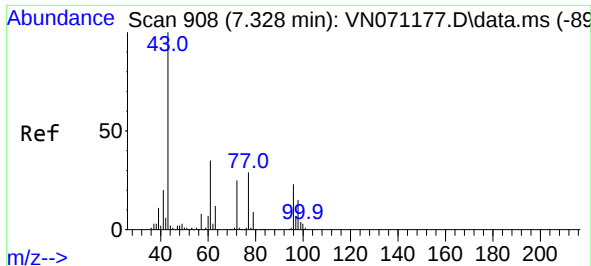
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#26
2,2-Dichloropropane
Concen: 44.580 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion: 77 Resp: 487693
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.983 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 390119

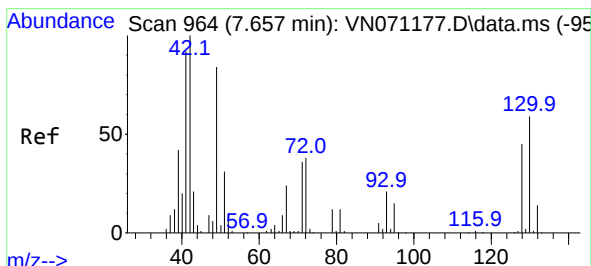
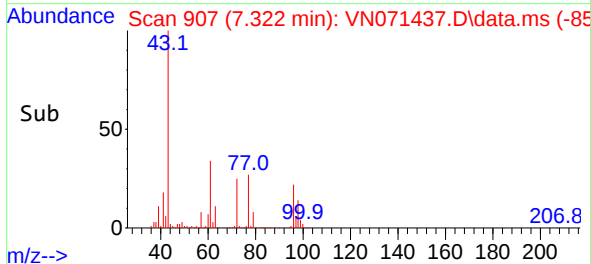
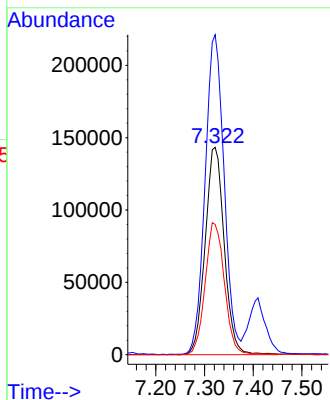
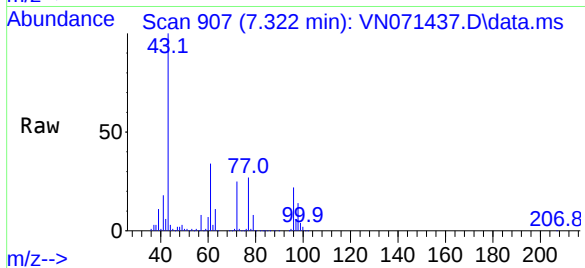
Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	275.0
98	64.4	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#28

Bromochloromethane

Concen: 47.170 ug/l

RT: 7.651 min Scan# 963

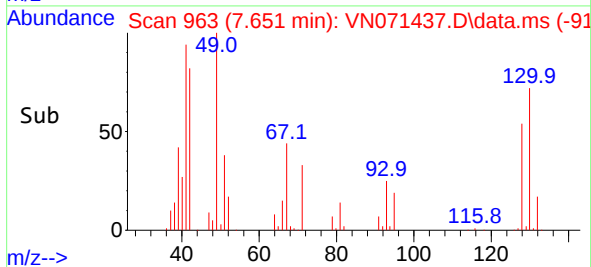
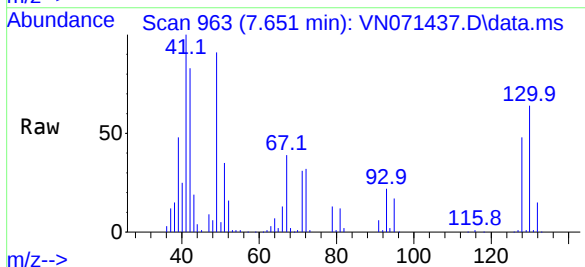
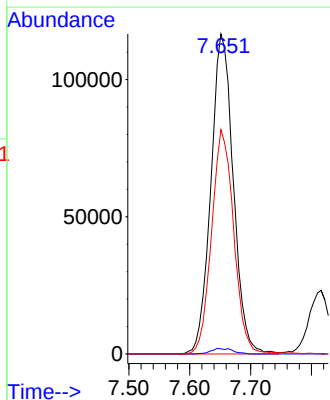
Delta R.T. -0.006 min

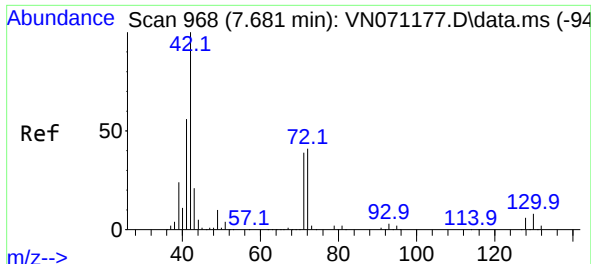
Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

Tgt Ion: 49 Resp: 297868

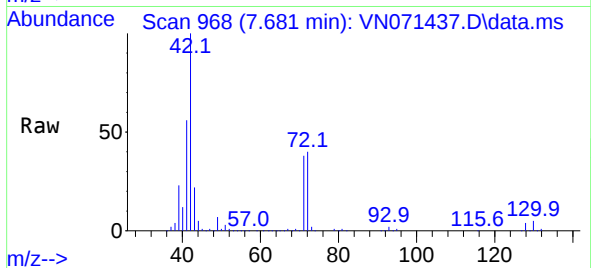
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.0
130	69.4	67.8	101.8





#29
Tetrahydrofuran
Concen: 263.436 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

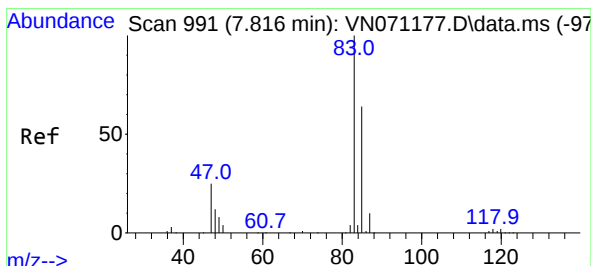
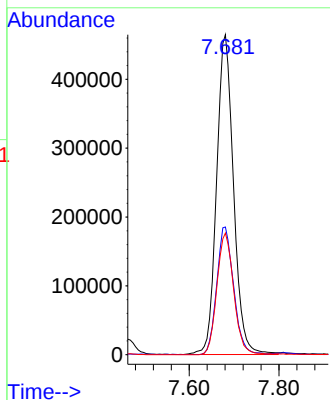
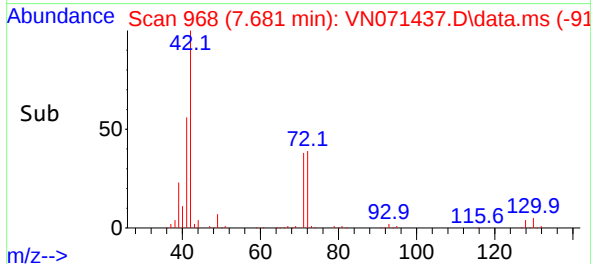
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



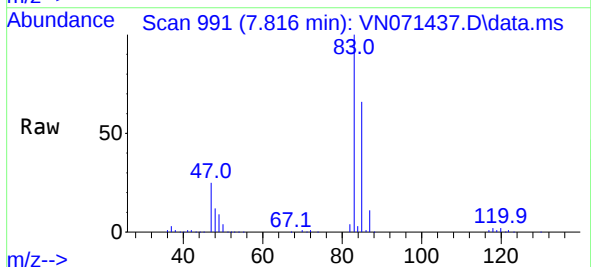
Tgt Ion: 42 Resp: 122472
Ion Ratio Lower Upper
42 100
72 39.7 36.3 54.5
71 38.0 34.7 52.1

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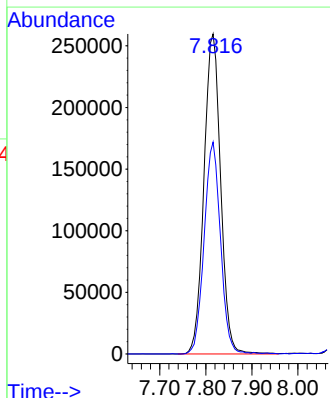
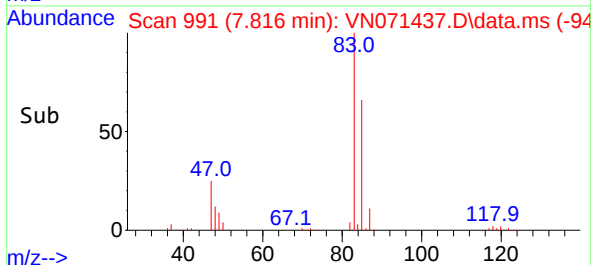
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

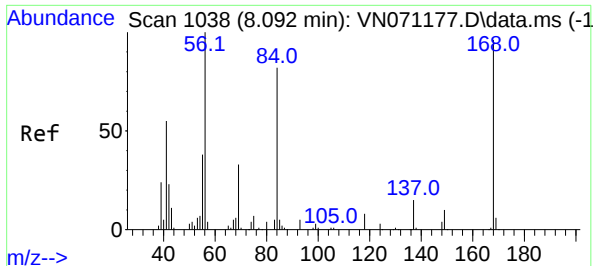


#30
Chloroform
Concen: 48.446 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 83 Resp: 655222
Ion Ratio Lower Upper
83 100
85 66.2 51.9 77.9





#31

Cyclohexane

Concen: 43.298 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071437.D

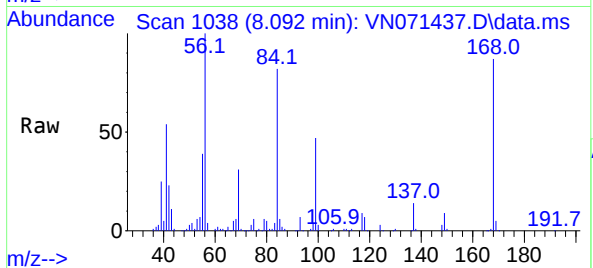
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 591980

Ion Ratio Lower Upper

56 100

69 31.1 27.1 40.7

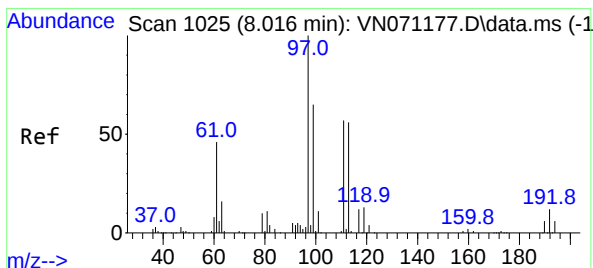
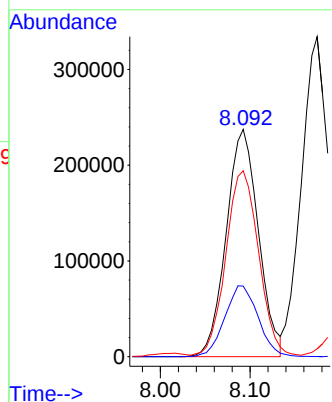
84 80.3 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#32

1,1,1-Trichloroethane

Concen: 49.093 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071437.D

Acq: 21 Mar 2022 23:18

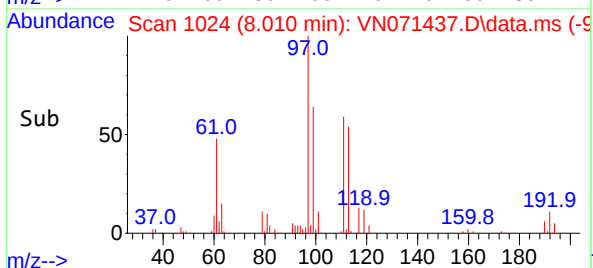
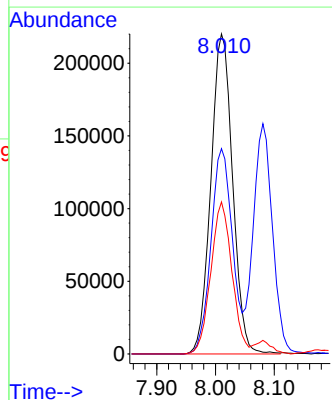
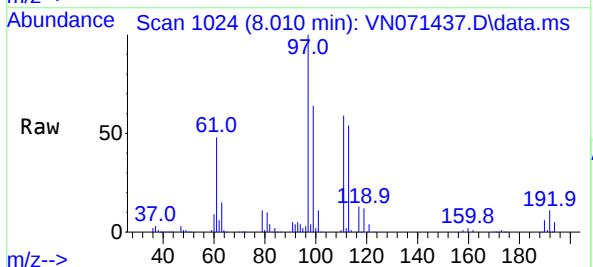
Tgt Ion: 97 Resp: 565578

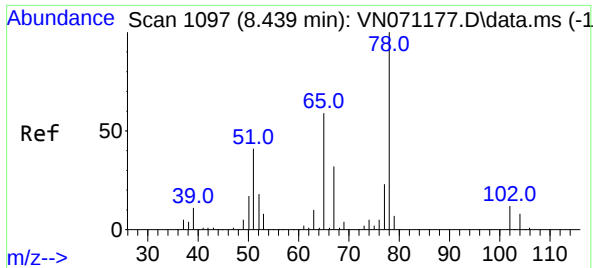
Ion Ratio Lower Upper

97 100

99 63.1 50.1 75.1

61 46.2 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 50.931 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

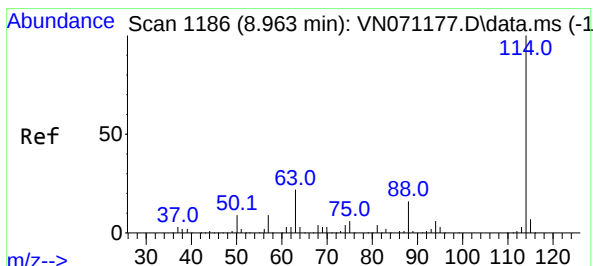
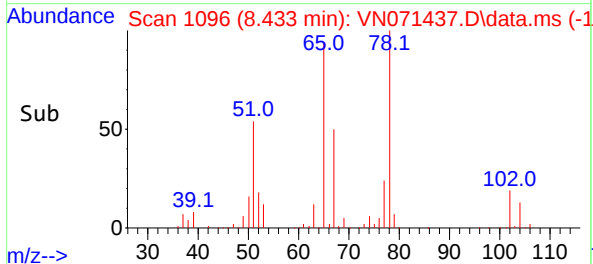
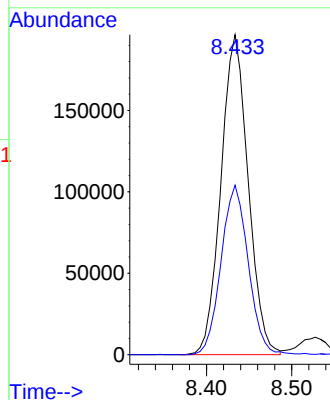
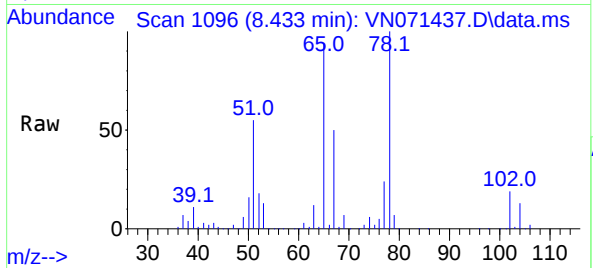
VSTDCCC050

Tgt Ion: 65 Resp: 436058
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

Manual Integrations

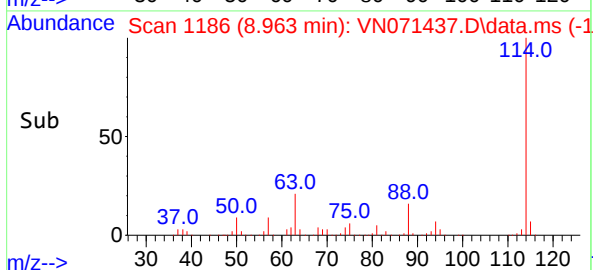
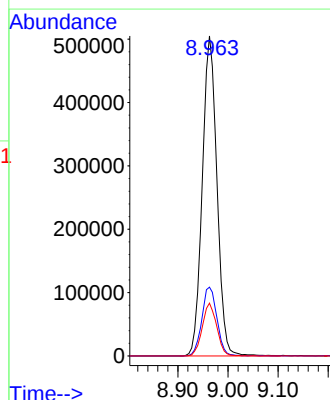
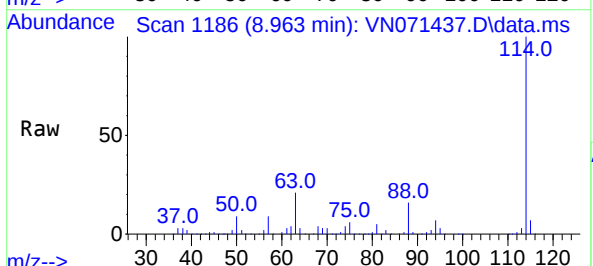
APPROVED

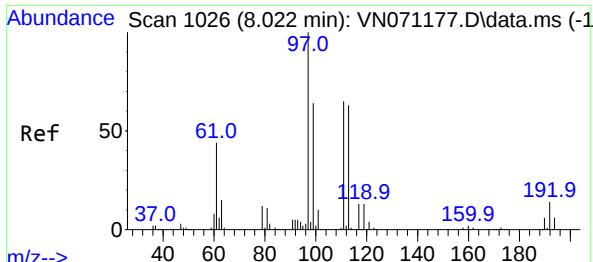
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

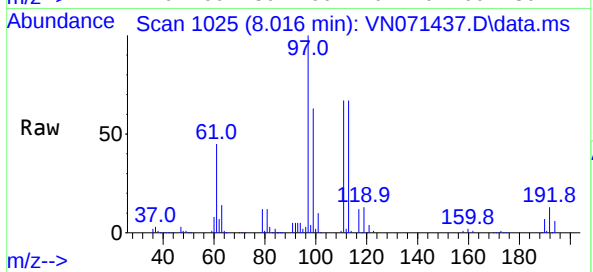
Tgt Ion:114 Resp: 1027298
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 16.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

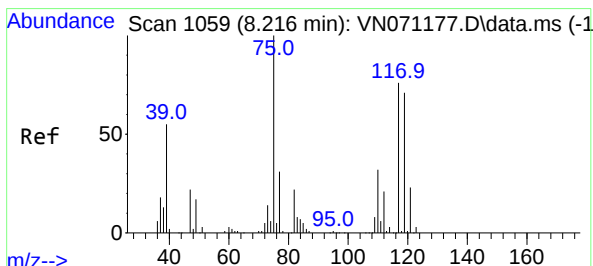
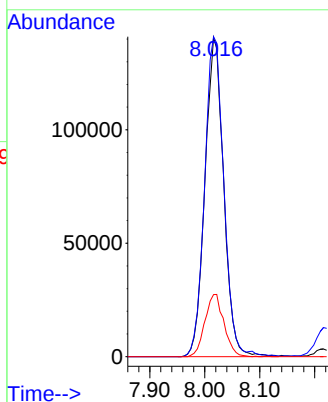
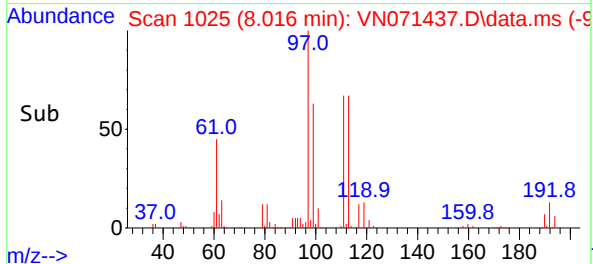
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



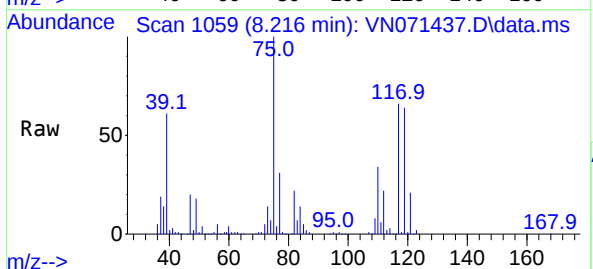
Tgt Ion: 113 Resp: 33342
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.8 16.9 25.3

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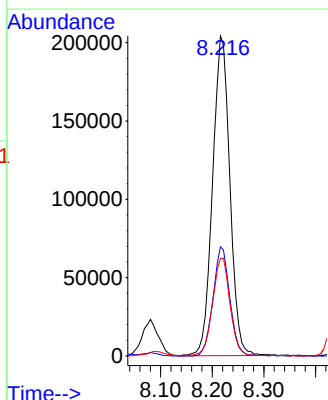
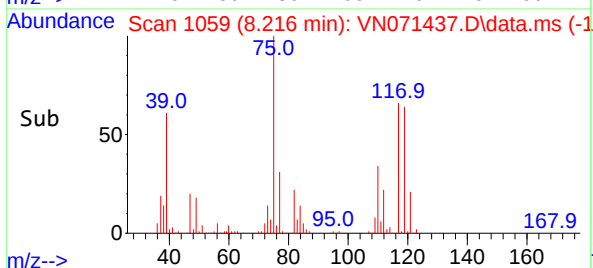
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

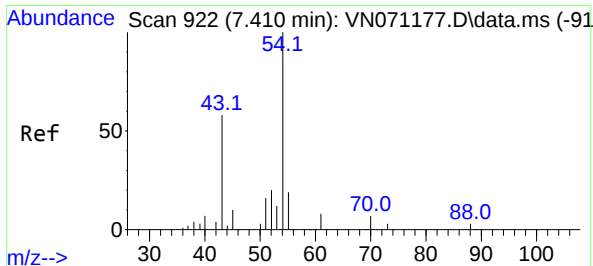


#36
1,1-Dichloropropene
Concen: 45.676 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



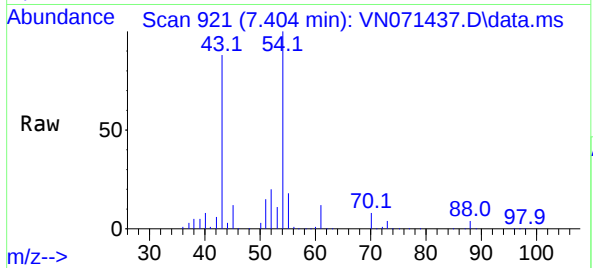
Tgt Ion: 75 Resp: 474416
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 49.056 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

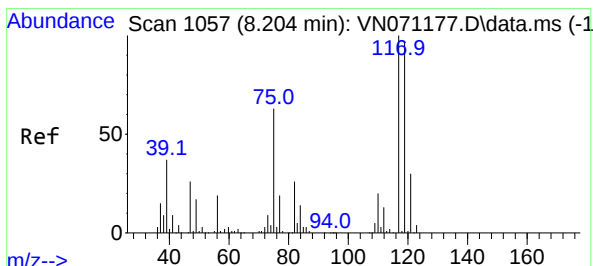
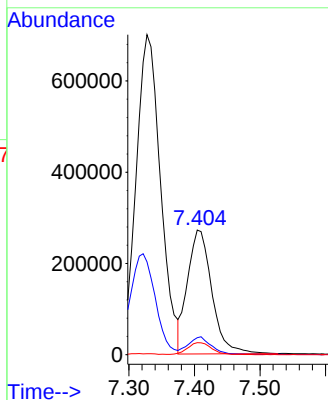
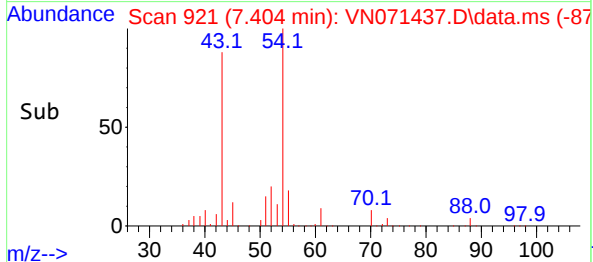
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 701220
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 9.6 7.9 11.9

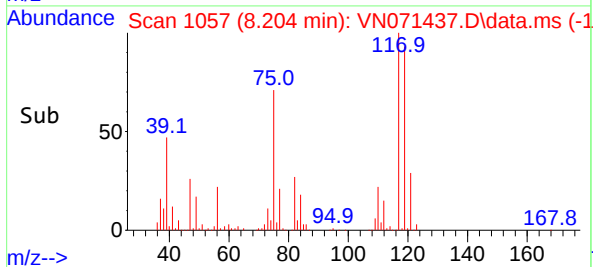
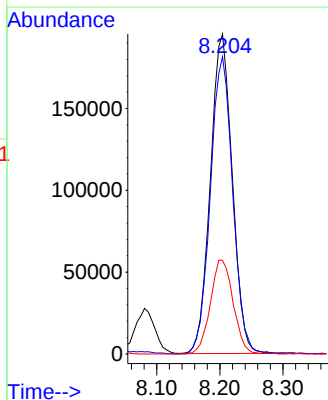
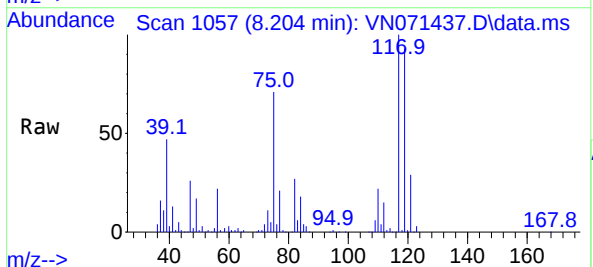
Manual Integrations
APPROVED

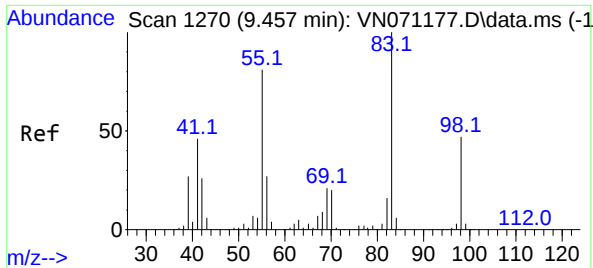
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 46.927 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion:117 Resp: 471454
Ion Ratio Lower Upper
117 100
119 93.1 76.1 114.1
121 29.3 24.2 36.2





#39
Methylcyclohexane
Concen: 45.960 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

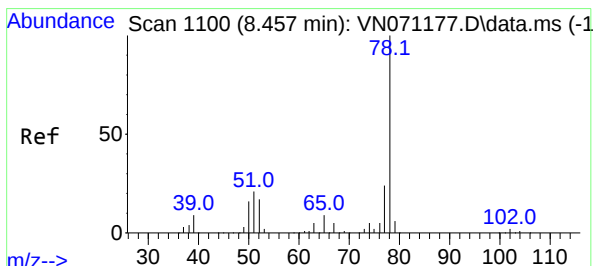
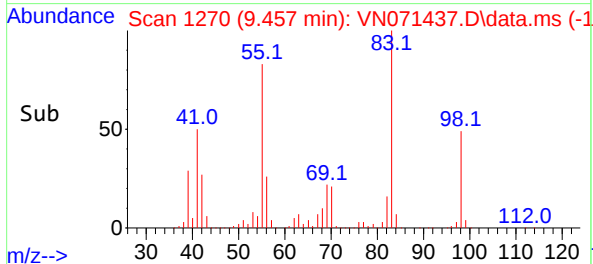
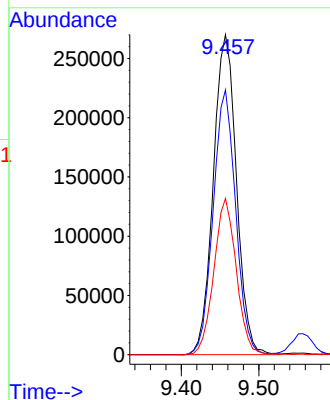
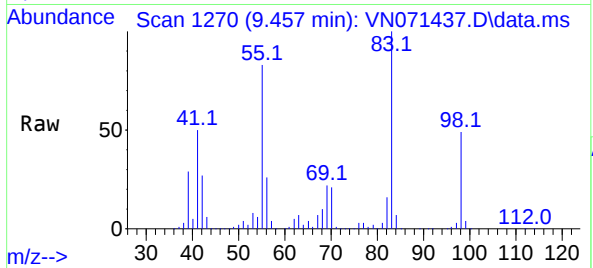
Tgt Ion: 83 Resp: 561574
Ion Ratio Lower Upper
83 100
55 82.8 58.1 87.1
98 48.9 38.4 57.6

Manual Integrations

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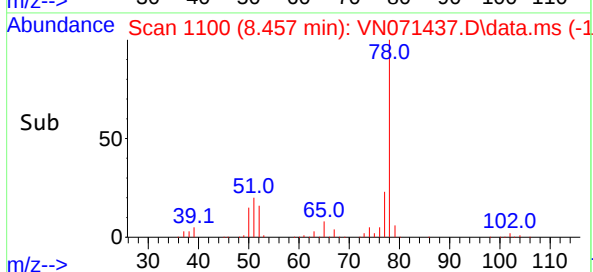
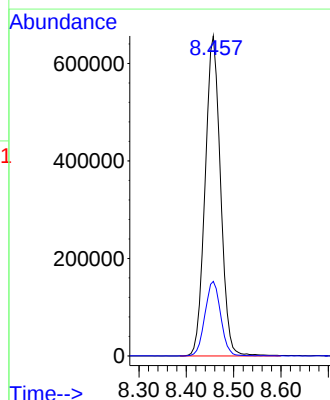
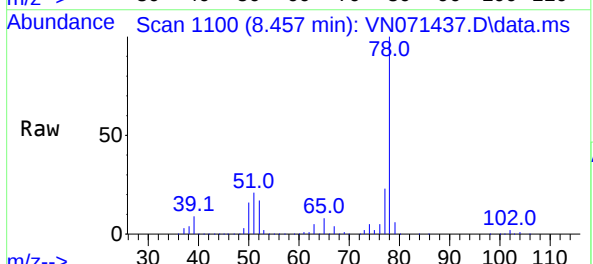
Reviewed By :John Carlone 03/22/2022

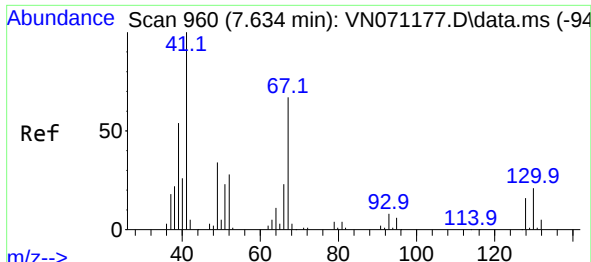
Supervised By :Mahesh Dadoda 03/22/2022



#40
Benzene
Concen: 47.373 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

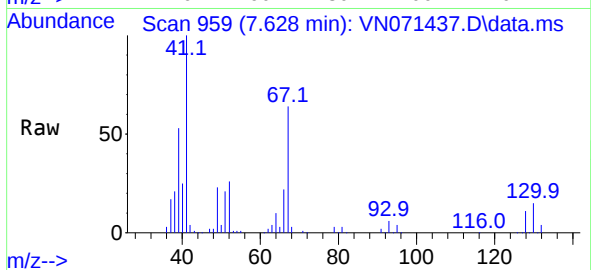
Tgt Ion: 78 Resp: 1482476
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 49.304 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

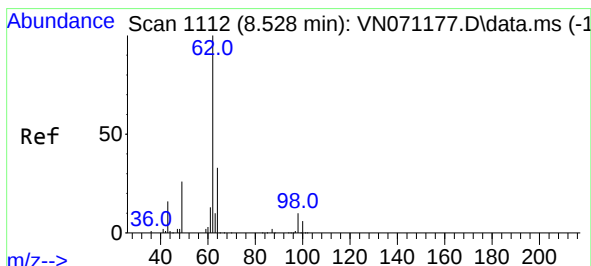
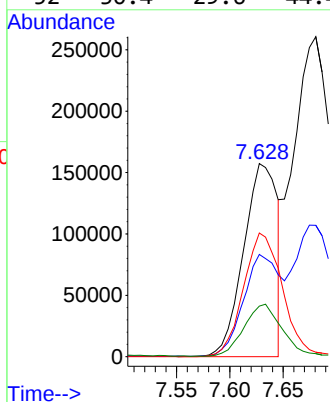
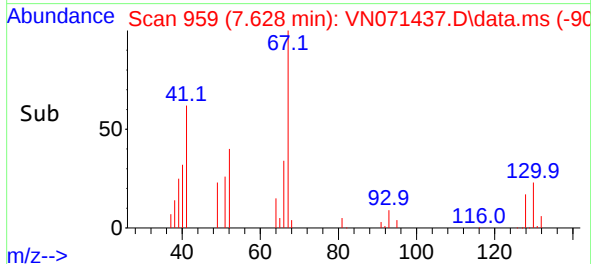
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



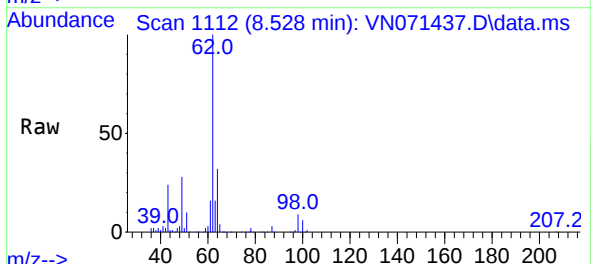
Tgt Ion: 41 Resp: 34490
Ion Ratio Lower Upper
41 100
39 58.8 48.1 72.1
67 75.6 68.3 102.5
52 30.4 29.6 44.4

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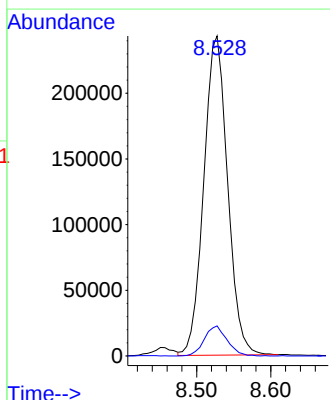
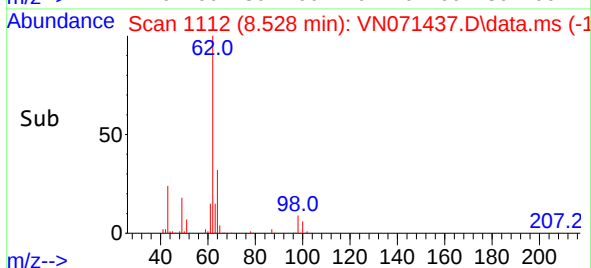
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

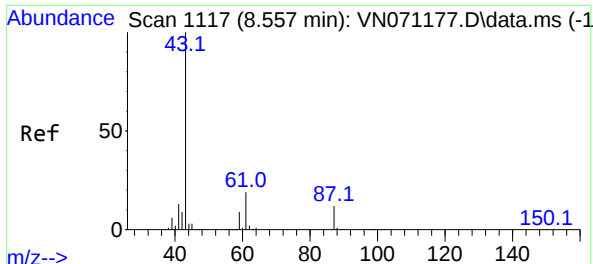


#42
1,2-Dichloroethane
Concen: 49.881 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 62 Resp: 543192
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.575 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

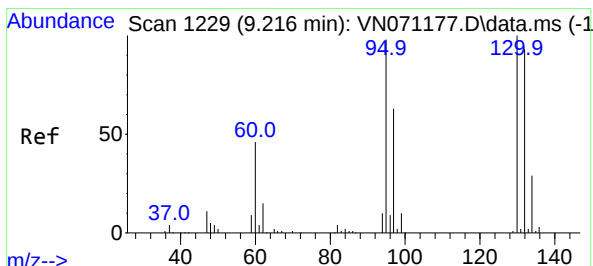
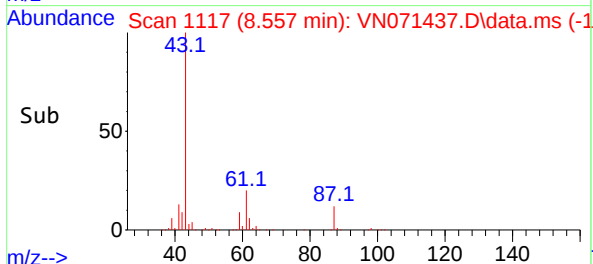
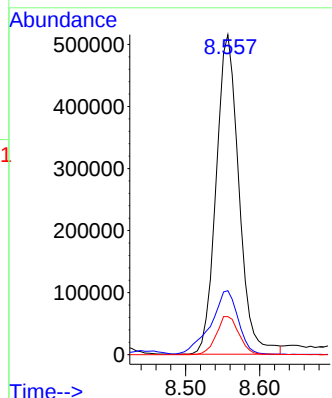
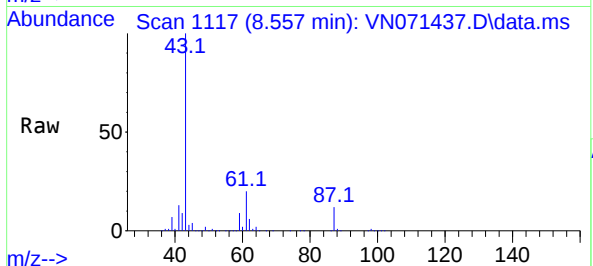
Tgt Ion: 43 Resp: 110246
Ion Ratio Lower Upper
43 100
61 24.1 20.4 30.6
87 11.9 11.2 16.8

Manual Integrations

APPROVED

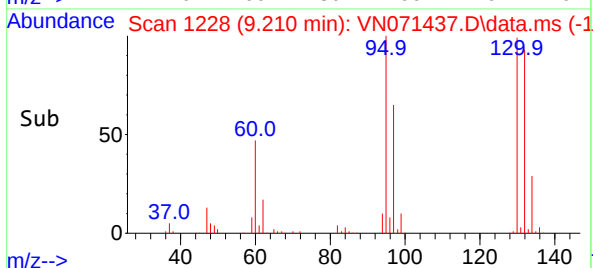
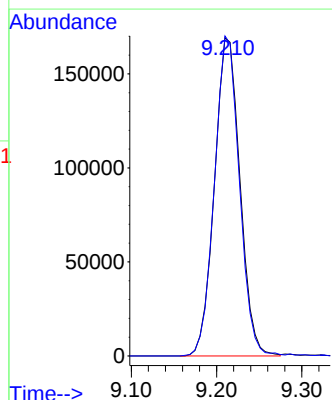
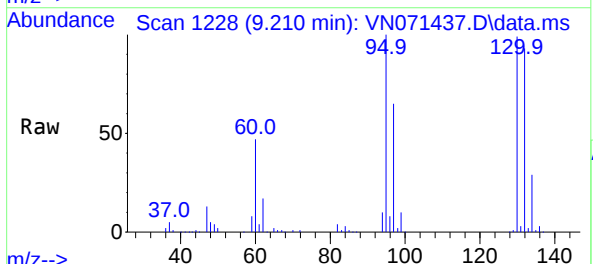
Reviewed By :John Carlone 03/22/2022

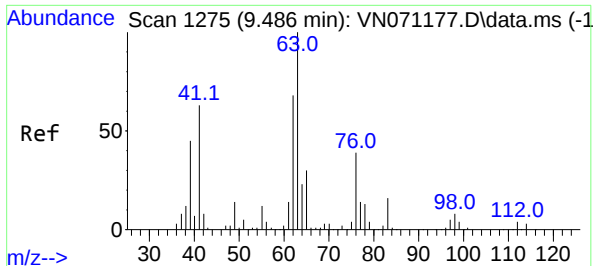
Supervised By :Mahesh Dadoda 03/22/2022



#44
Trichloroethene
Concen: 47.582 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion:130 Resp: 351335
Ion Ratio Lower Upper
130 100
95 100.6 0.0 191.2





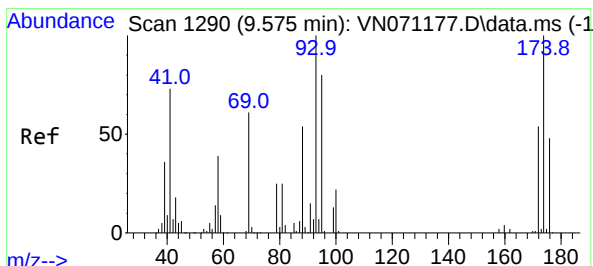
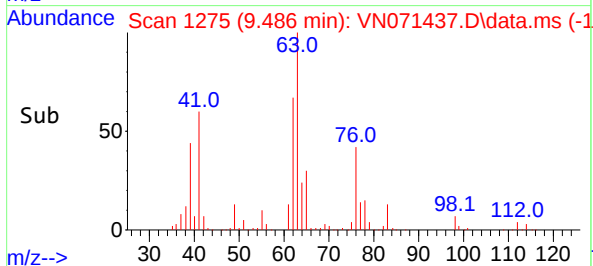
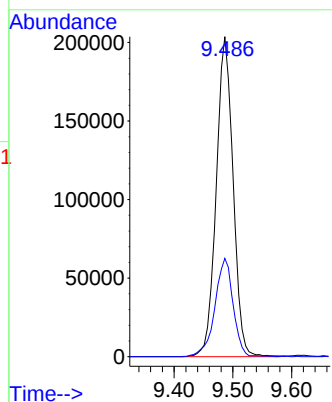
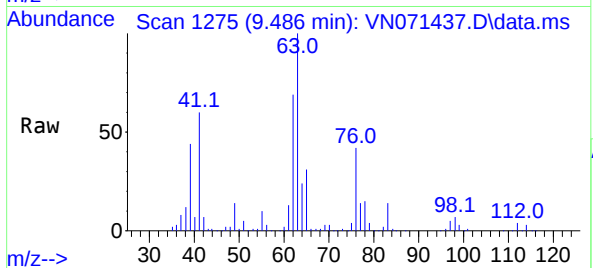
#45
1,2-Dichloropropane
Concen: 48.317 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 405892
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1

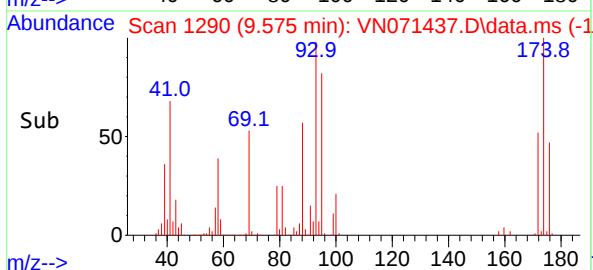
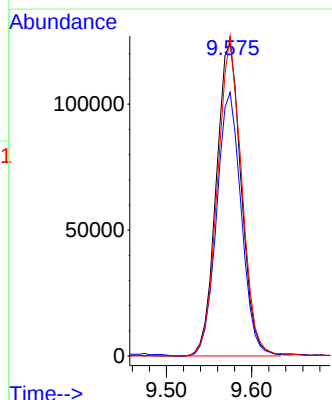
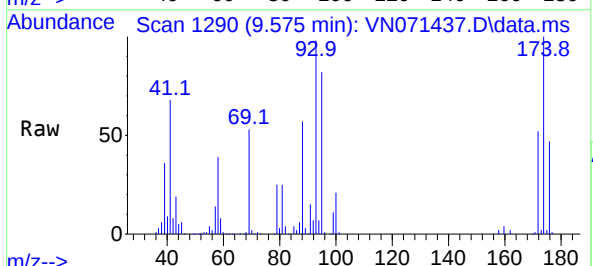
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 48.993 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

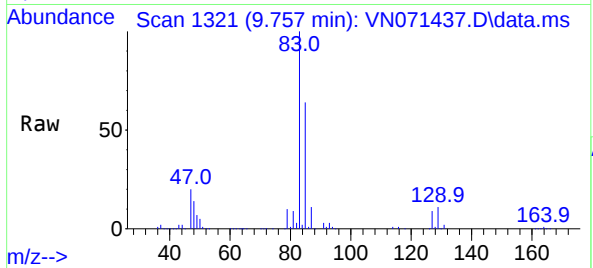
Tgt Ion: 93 Resp: 253316
Ion Ratio Lower Upper
93 100
95 83.2 65.9 98.9
174 98.8 84.6 127.0





#47
Bromodichloromethane
Concen: 49.150 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

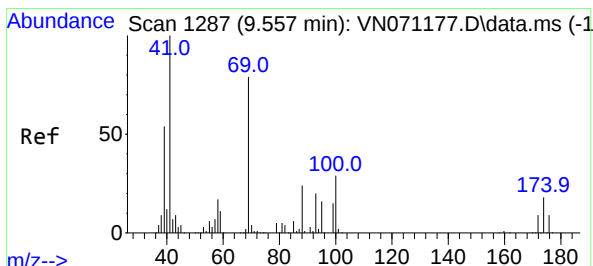
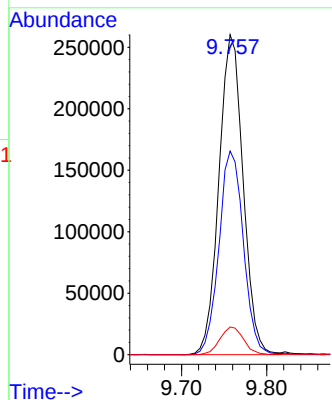
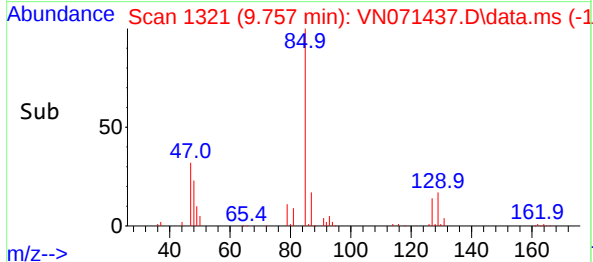
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



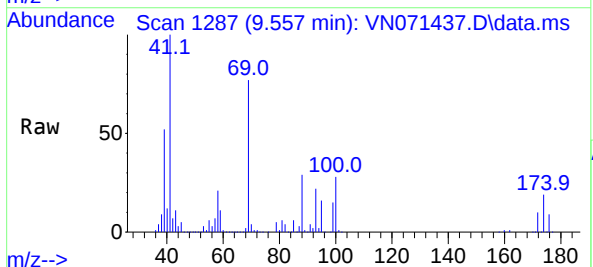
Tgt Ion: 83 Resp: 51357
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.7 7.1 10.7

Manual Integrations
APPROVED

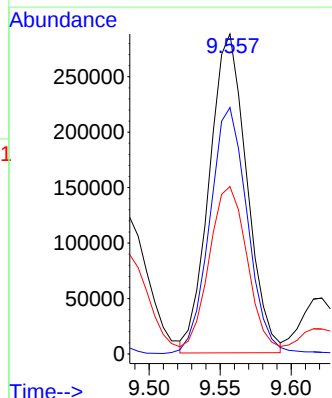
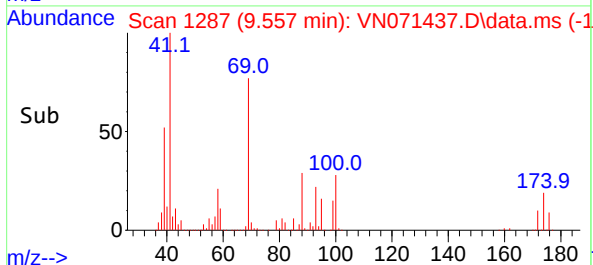
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

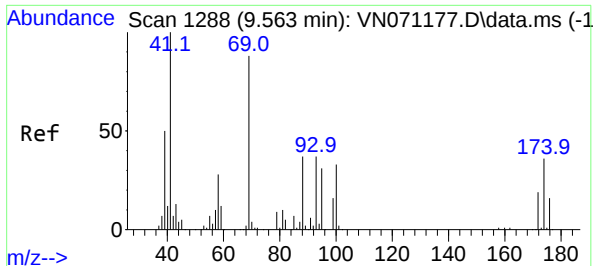


#48
Methyl methacrylate
Concen: 53.257 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



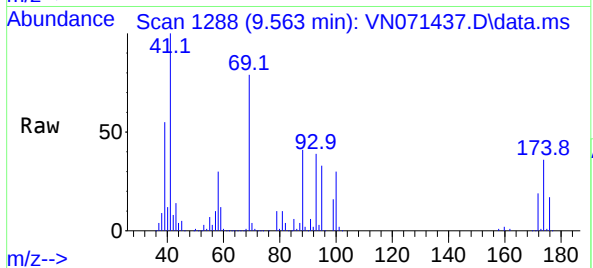
Tgt Ion: 41 Resp: 527571
Ion Ratio Lower Upper
41 100
69 78.3 72.4 108.6
39 54.0 58.4 87.6#





#49
1,4-Dioxane
Concen: 1162.513 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

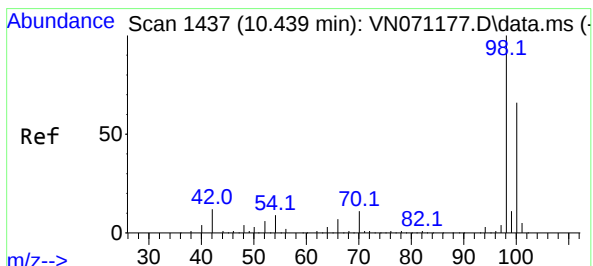
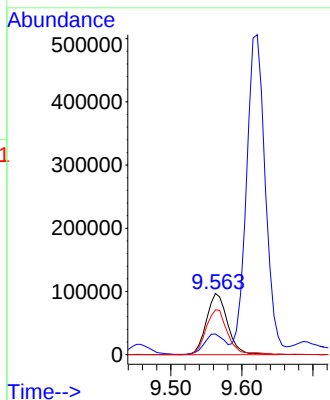
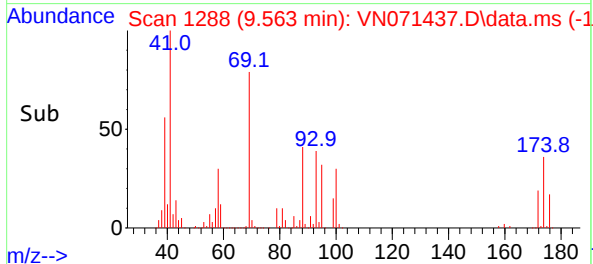
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 200172
Ion Ratio Lower Upper
88 100
43 31.6 23.4 35.2
58 76.0 50.6 75.8

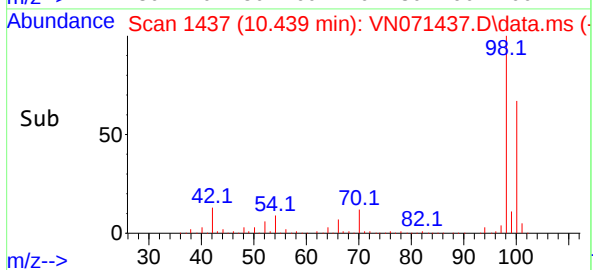
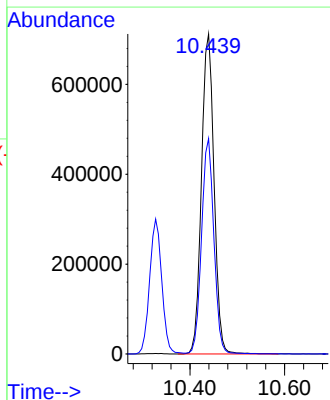
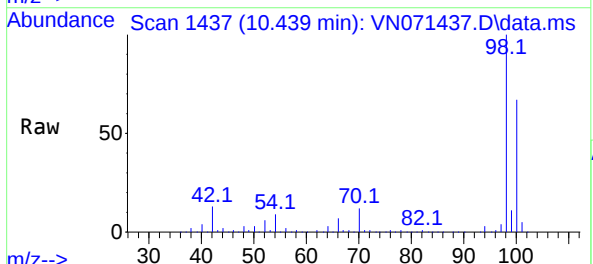
Manual Integrations
APPROVED

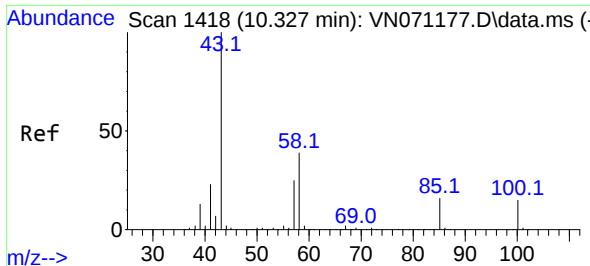
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 50.272 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

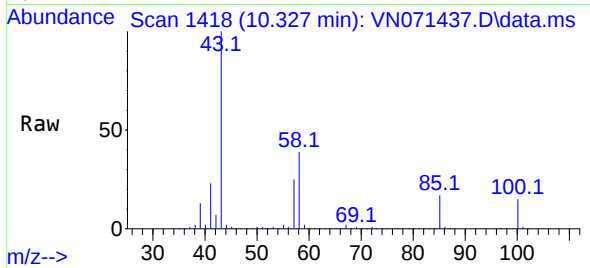
Tgt Ion: 98 Resp: 1312150
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 274.825 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

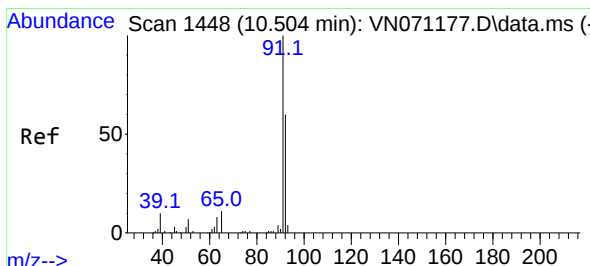
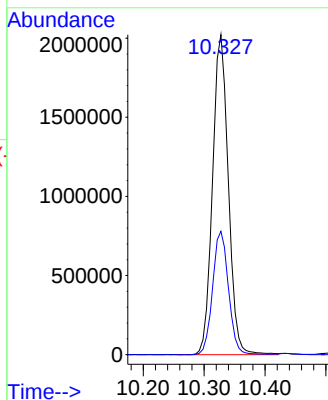
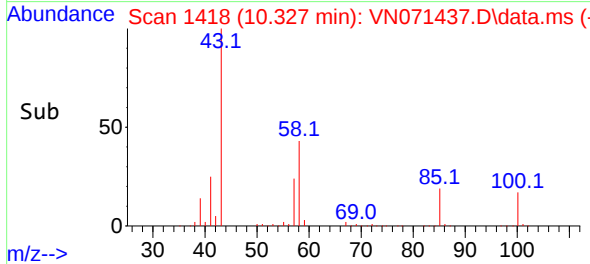
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 3645862
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

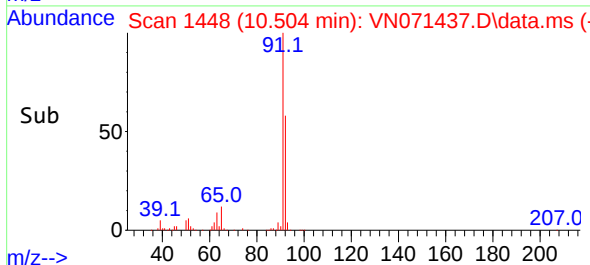
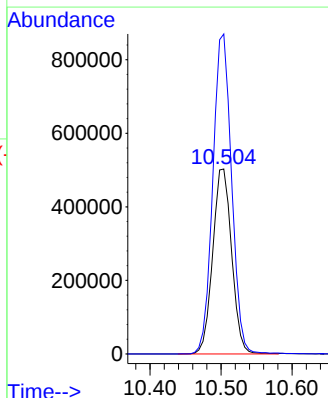
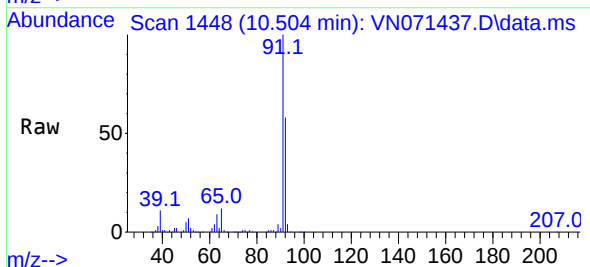
Manual Integrations
APPROVED

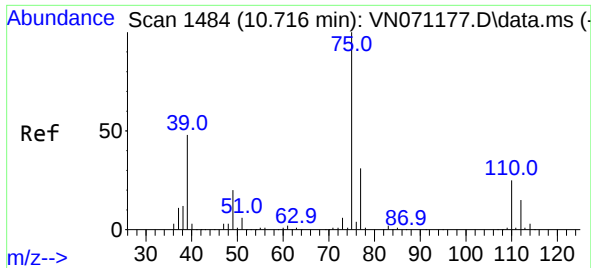
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 48.261 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion: 92 Resp: 929987
Ion Ratio Lower Upper
92 100
91 171.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.948 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

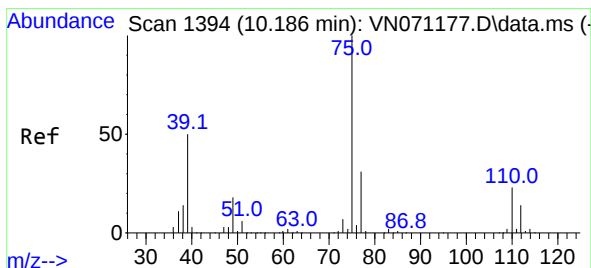
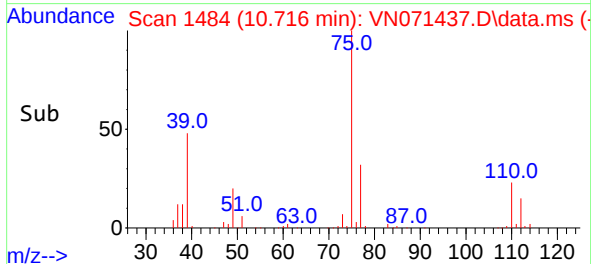
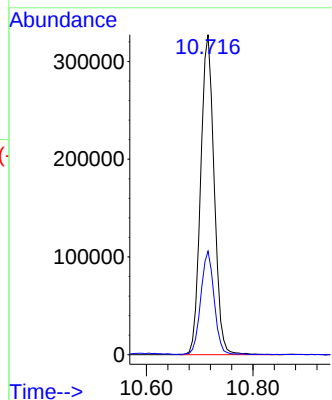
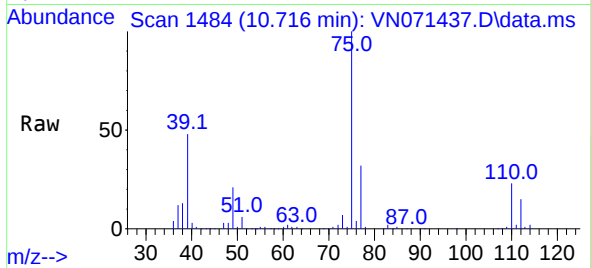
VSTDCCC050

Tgt Ion: 75 Resp: 575310
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

Manual Integrations

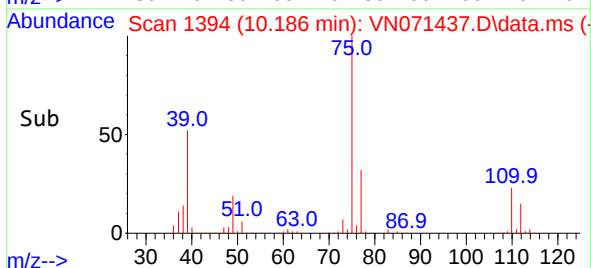
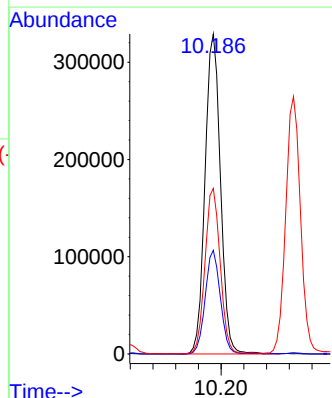
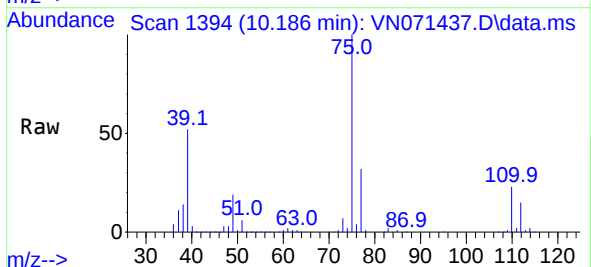
APPROVED

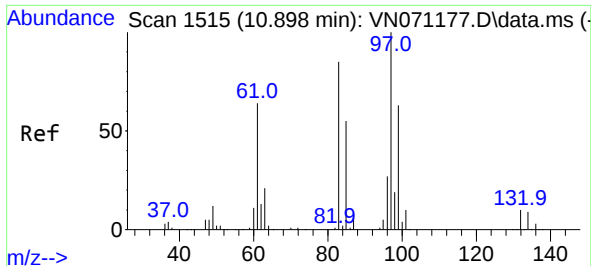
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#54
cis-1,3-Dichloropropene
Concen: 49.222 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

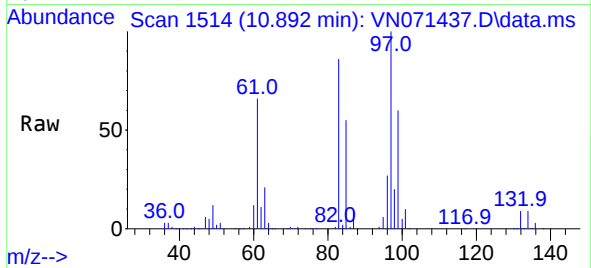
Tgt Ion: 75 Resp: 619490
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
39 51.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.715 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

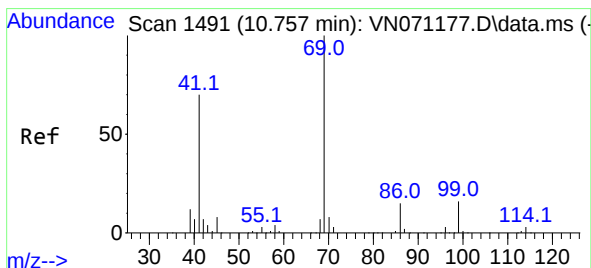
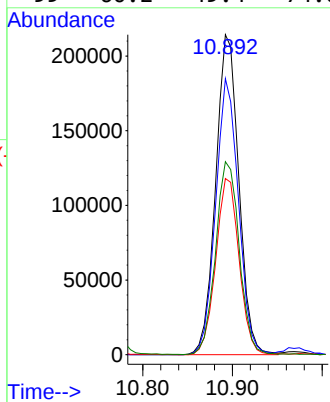
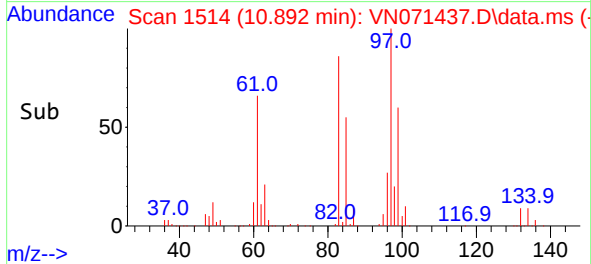
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



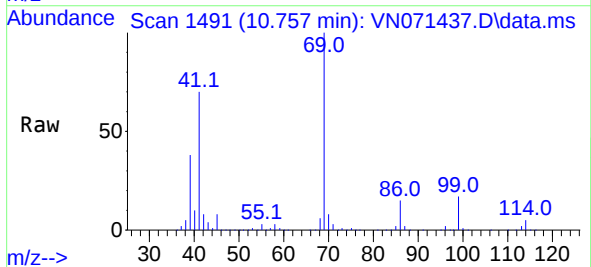
Tgt Ion: 97 Resp: 383885
Ion Ratio Lower Upper
97 100
83 86.2 67.8 101.6
85 55.0 45.4 68.2
99 60.2 49.4 74.0

Manual Integrations
APPROVED

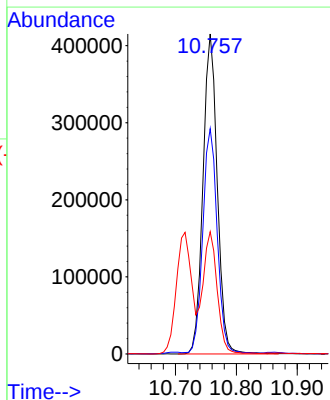
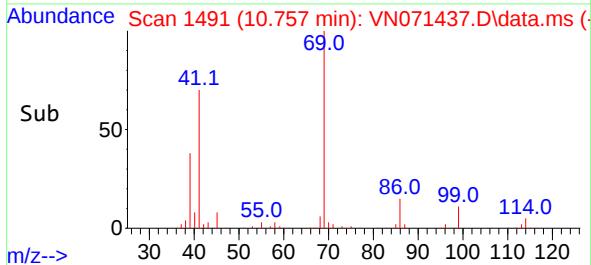
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

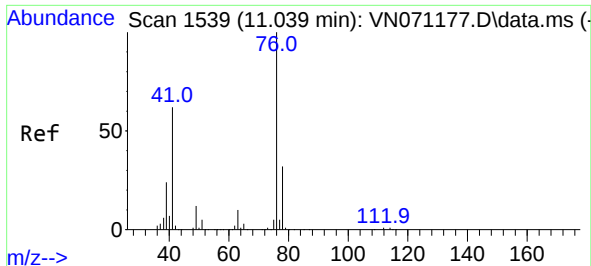


#56
Ethyl methacrylate
Concen: 53.766 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 69 Resp: 677994
Ion Ratio Lower Upper
69 100
41 70.7 51.4 77.0
39 37.7 34.6 52.0





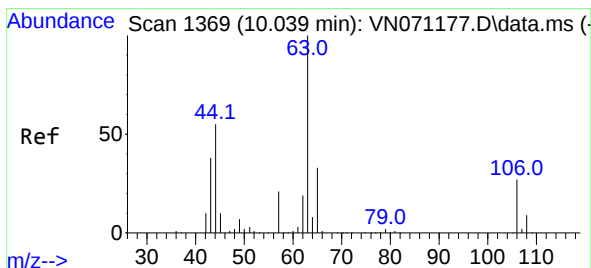
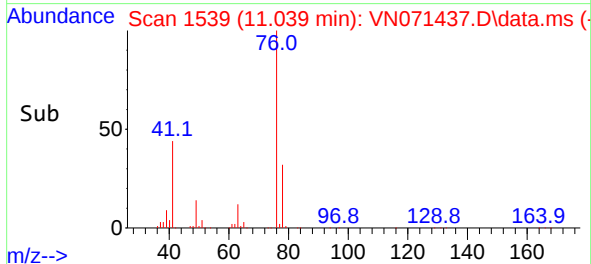
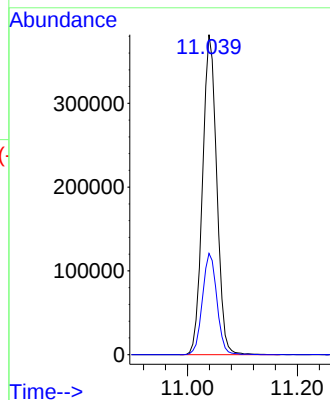
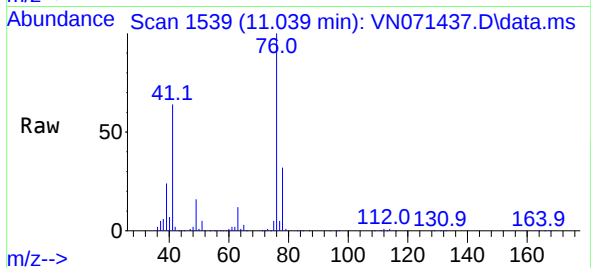
#57
1,3-Dichloropropane
Concen: 49.385 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 68448
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

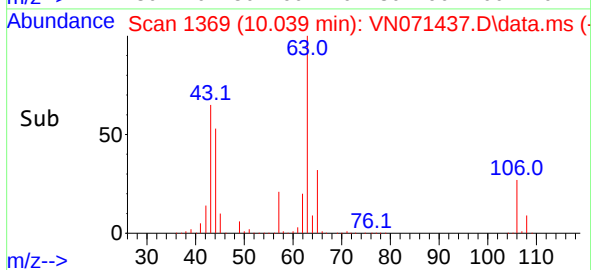
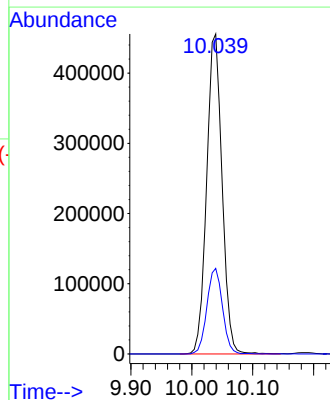
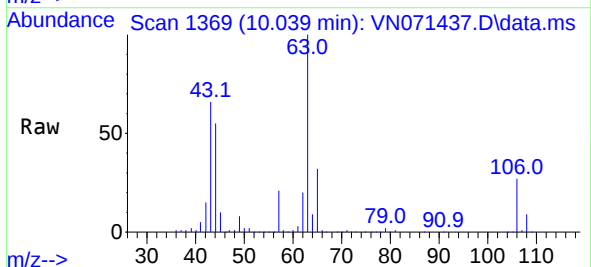
Manual Integrations
APPROVED

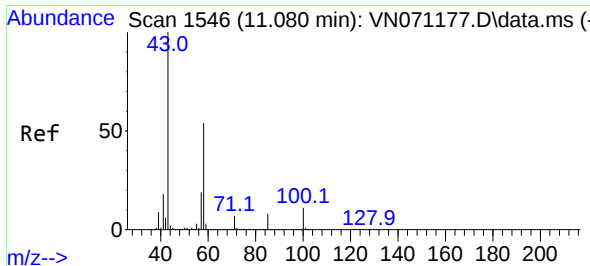
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#58
2-Chloroethyl Vinyl ether
Concen: 296.593 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

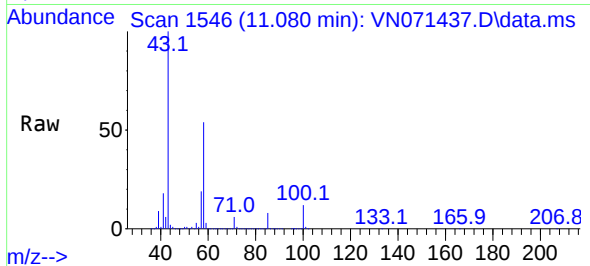
Tgt Ion: 63 Resp: 801258
Ion Ratio Lower Upper
63 100
106 27.1 23.9 35.9





#59
2-Hexanone
Concen: 300.177 ug/l
RT: 11.080 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

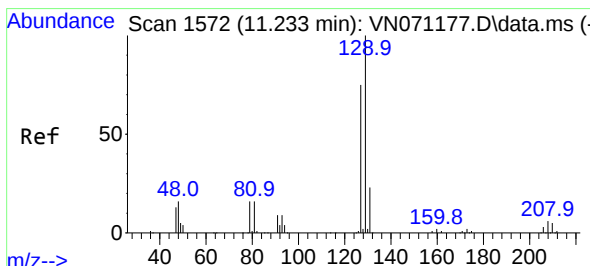
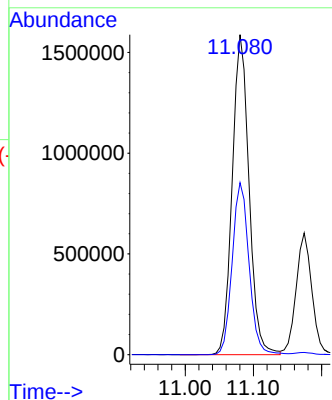
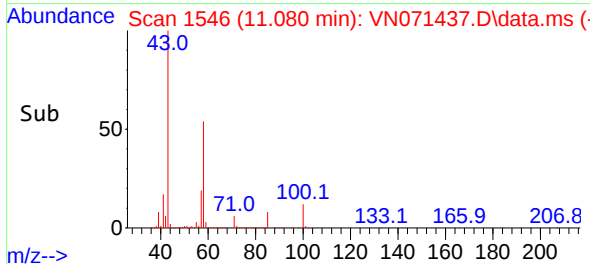
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2717084
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

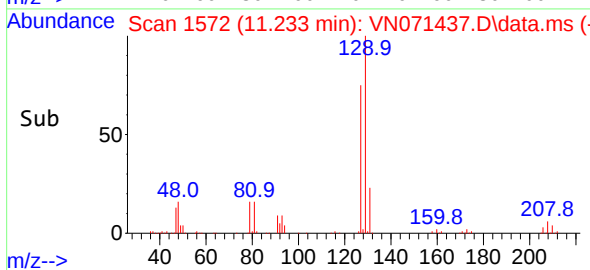
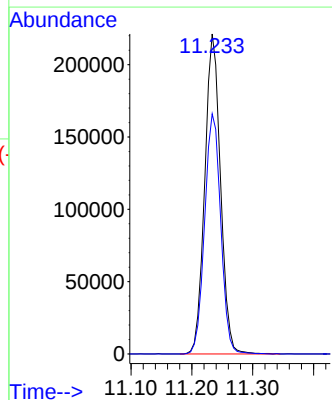
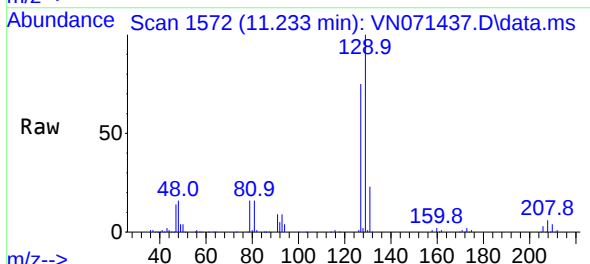
Manual Integrations
APPROVED

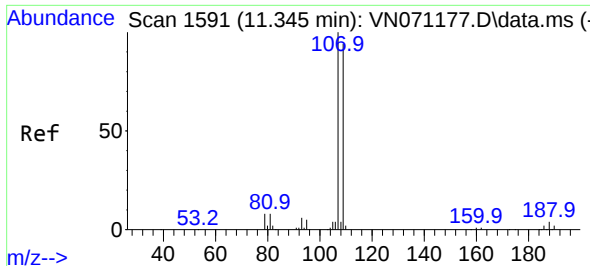
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#60
Dibromochloromethane
Concen: 51.699 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

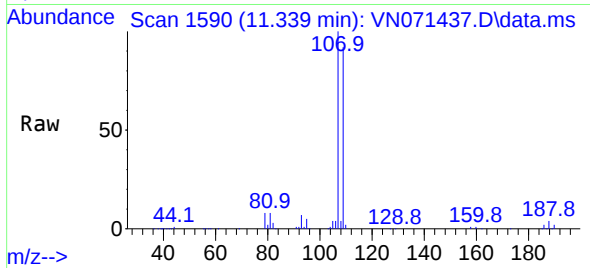
Tgt Ion:129 Resp: 396653
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.395 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

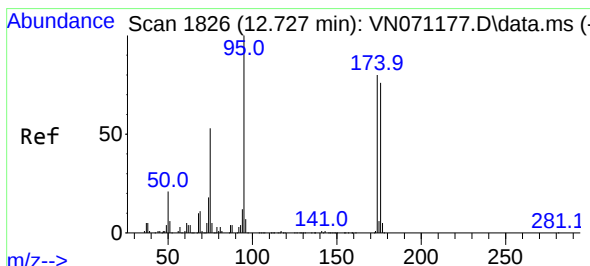
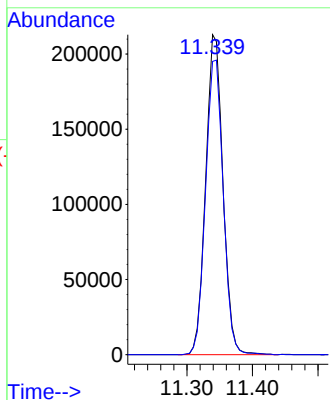
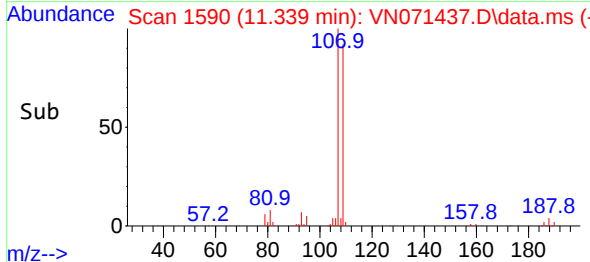
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



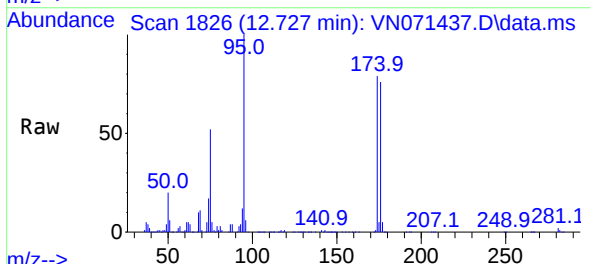
Tgt Ion:107 Resp: 389824
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

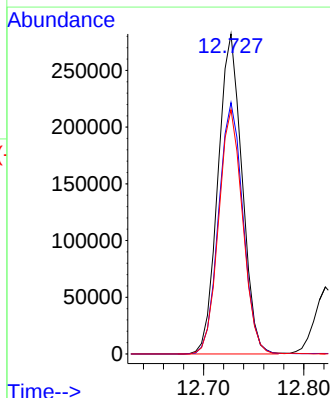
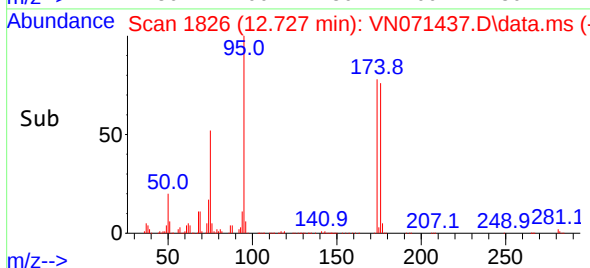
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

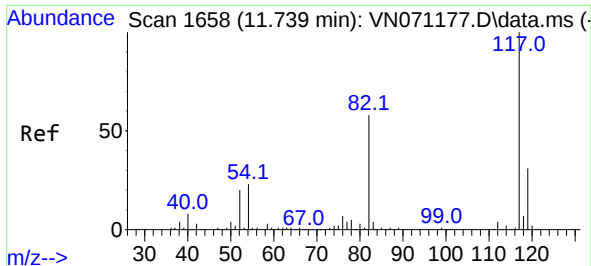


#62
4-Bromofluorobenzene
Concen: 53.162 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 95 Resp: 469865
Ion Ratio Lower Upper
95 100
174 79.3 0.0 187.2
176 76.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

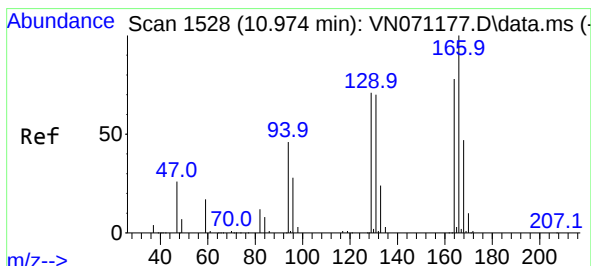
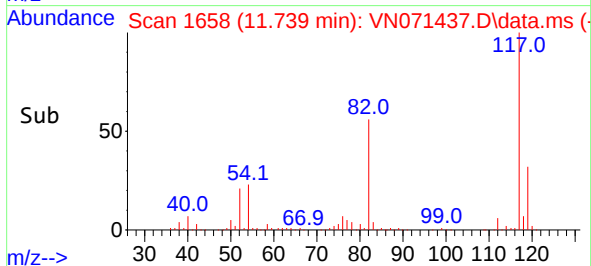
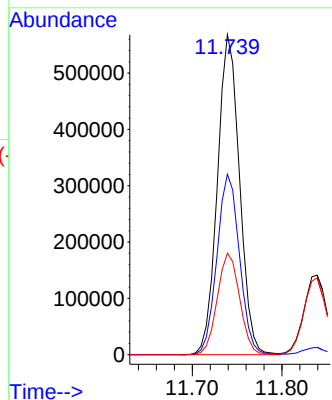
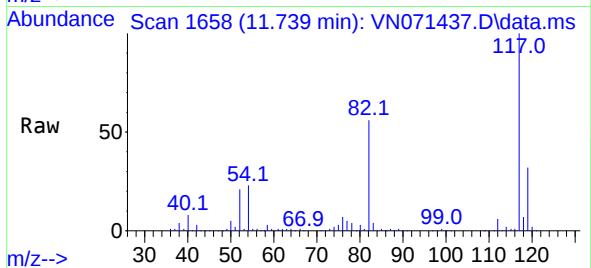
VSTDCCC050

Tgt Ion:117 Resp: 97321
Ion Ratio Lower Upper
117 100
82 56.4 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations

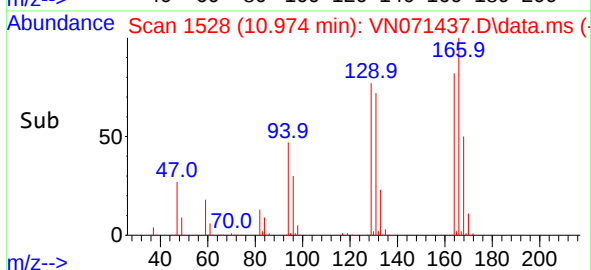
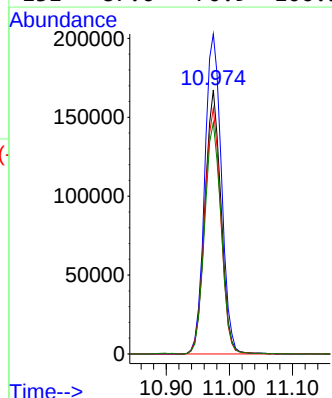
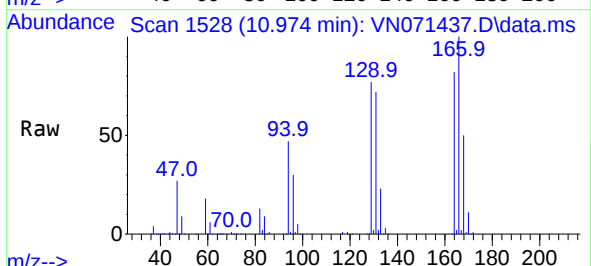
APPROVED

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



#64
Tetrachloroethene
Concen: 43.671 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

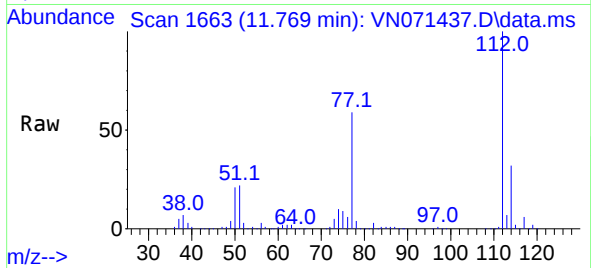
Tgt Ion:164 Resp: 296418
Ion Ratio Lower Upper
164 100
166 121.2 101.9 152.9
129 93.0 72.0 108.0
131 87.6 70.9 106.3





#65
Chlorobenzene
Concen: 47.641 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

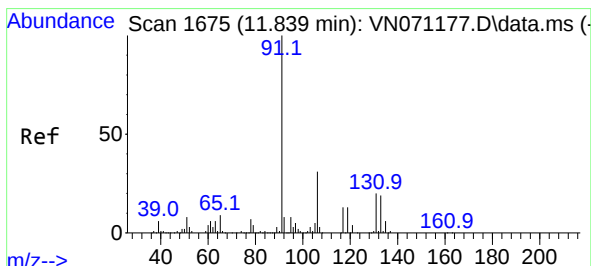
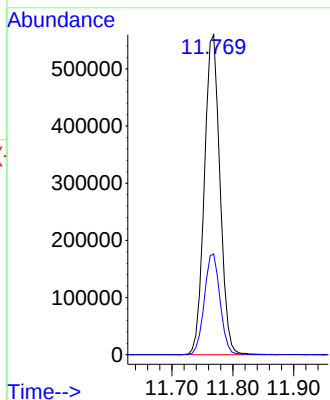
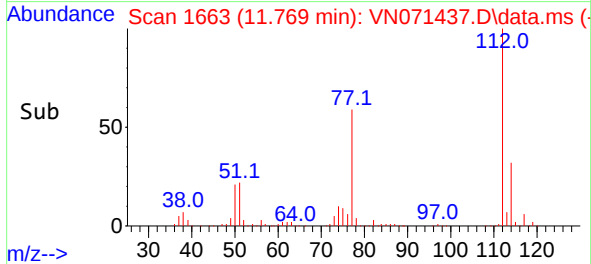
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



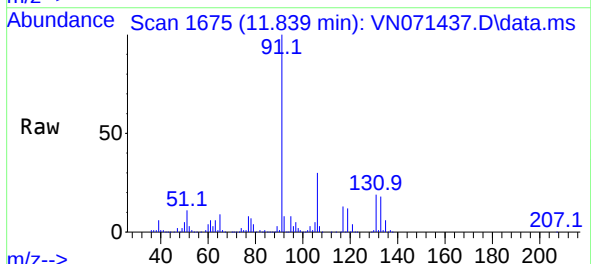
Tgt Ion:112 Resp: 995712
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

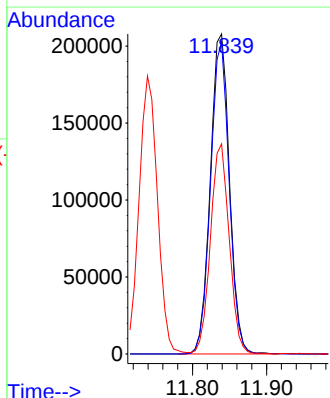
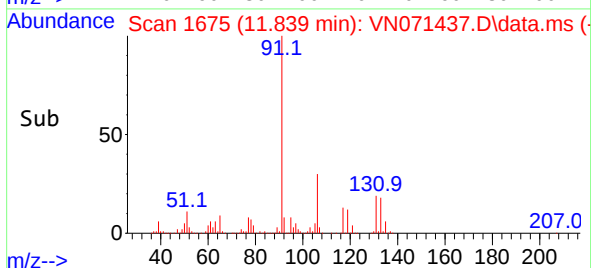
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

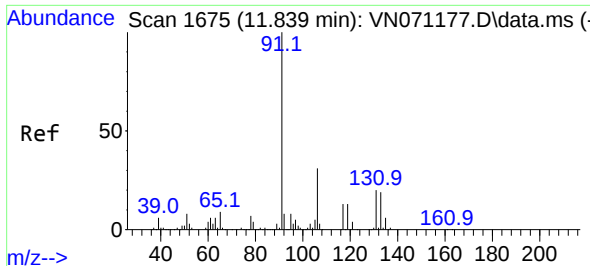


#66
1,1,1,2-Tetrachloroethane
Concen: 48.692 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion:131 Resp: 373158
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 64.4 32.1 96.5





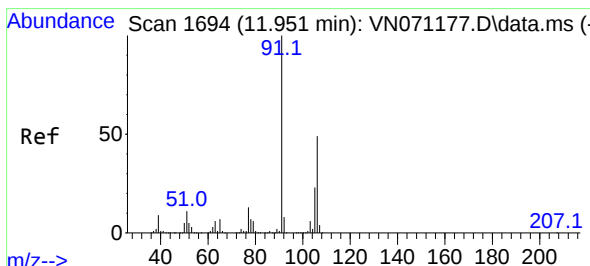
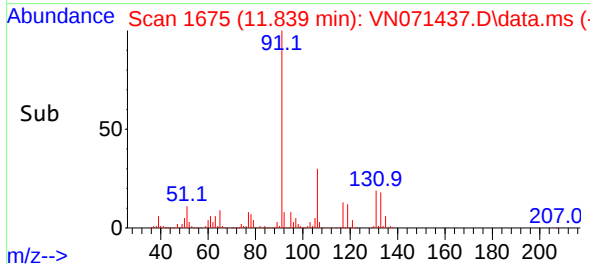
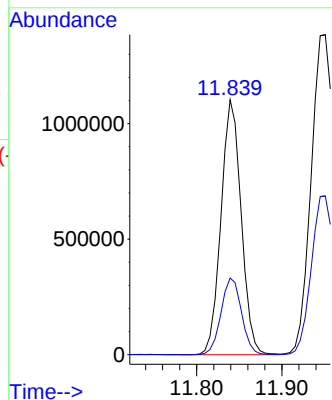
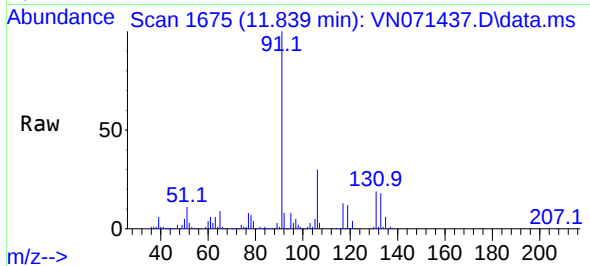
#67
Ethyl Benzene
Concen: 49.164 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1816809
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

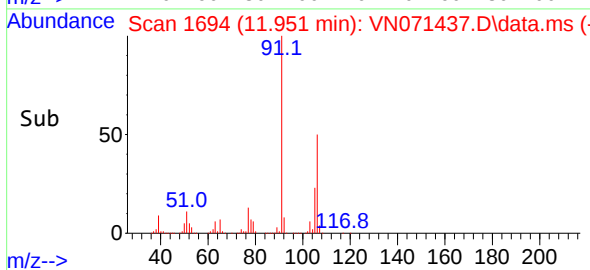
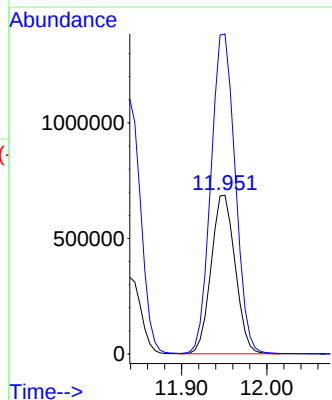
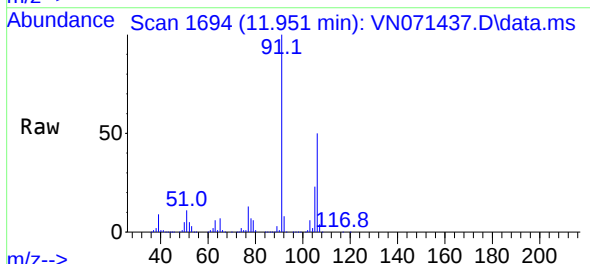
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 99.630 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

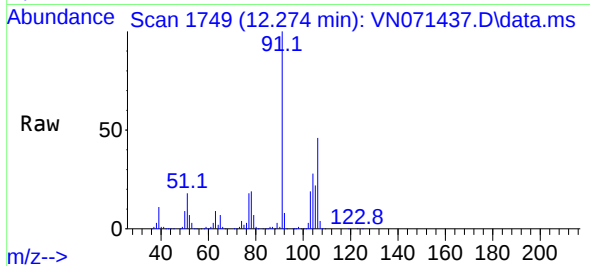
Tgt Ion:106 Resp: 1346893
Ion Ratio Lower Upper
106 100
91 204.7 160.6 240.8





#69
o-Xylene
Concen: 50.358 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

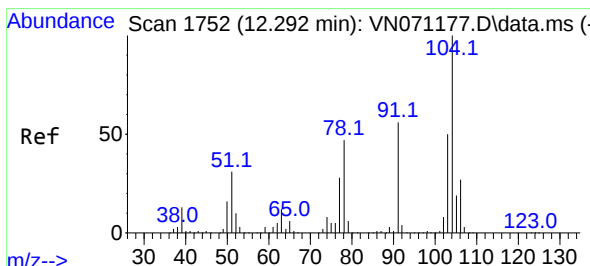
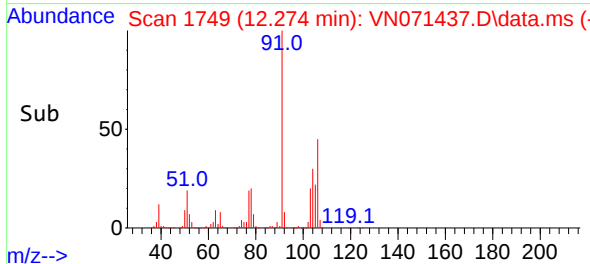
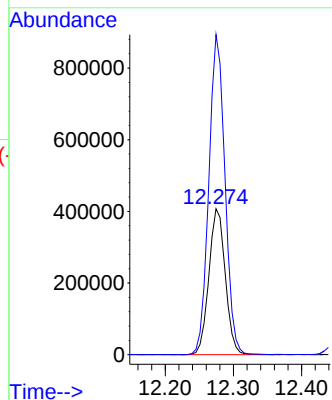
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 682418
Ion Ratio Lower Upper
106 100
91 215.5 105.8 317.3

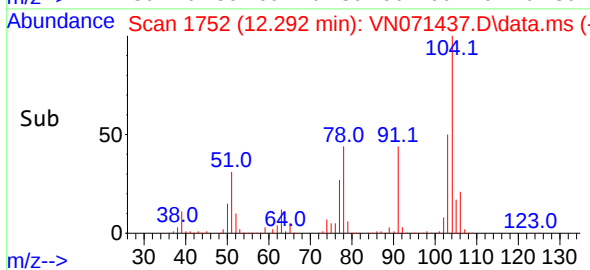
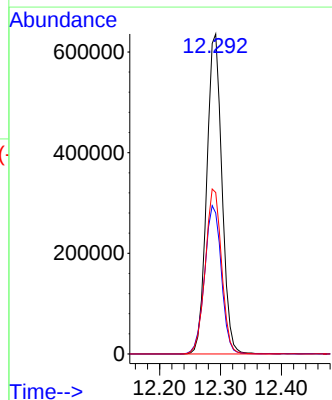
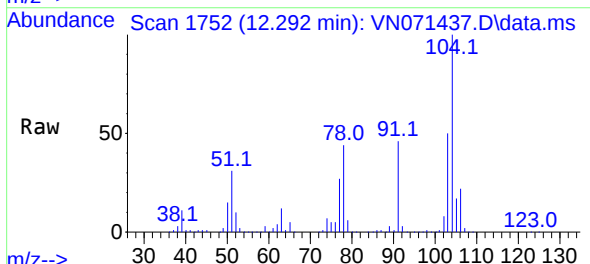
Manual Integrations
APPROVED

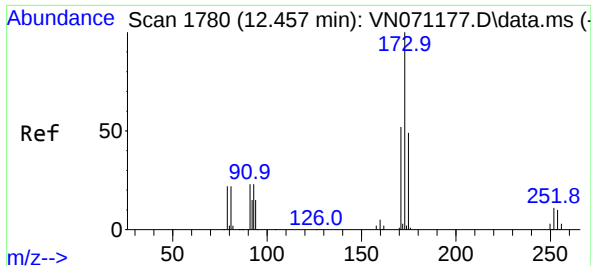
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 52.620 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

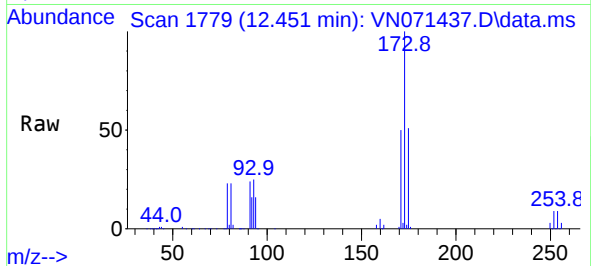
Tgt Ion:104 Resp: 1103789
Ion Ratio Lower Upper
104 100
78 50.9 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 53.065 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

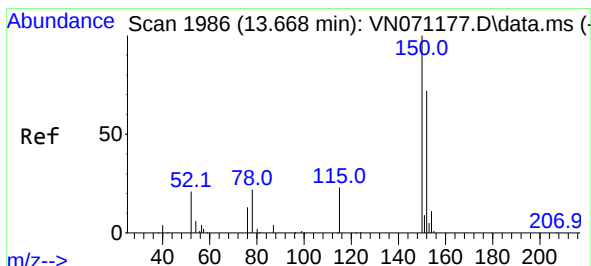
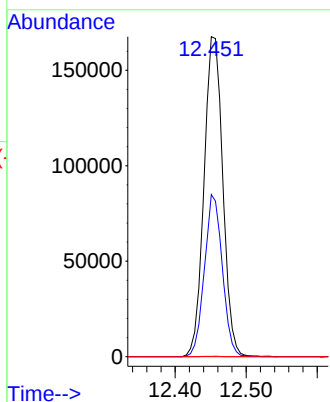
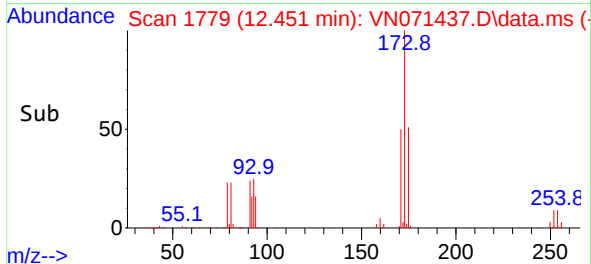
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



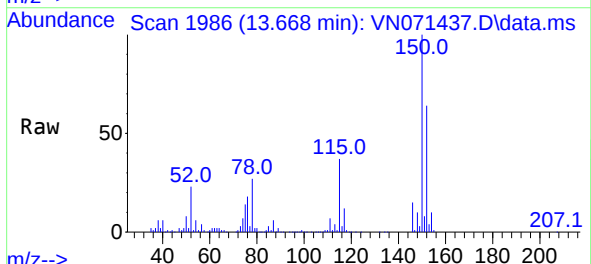
Tgt Ion:173 Resp: 308832
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

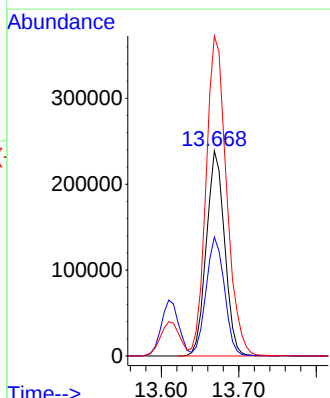
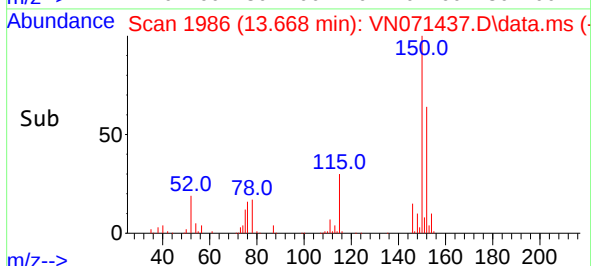
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

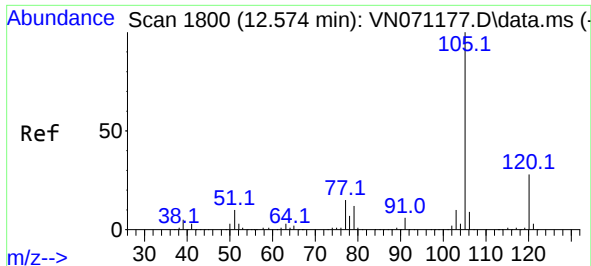


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion:152 Resp: 391624
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 175.0 0.0 344.4





#73
Isopropylbenzene
Concen: 46.983 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

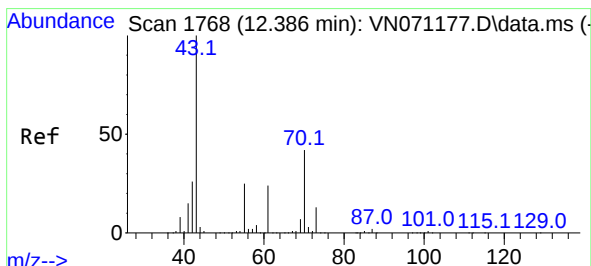
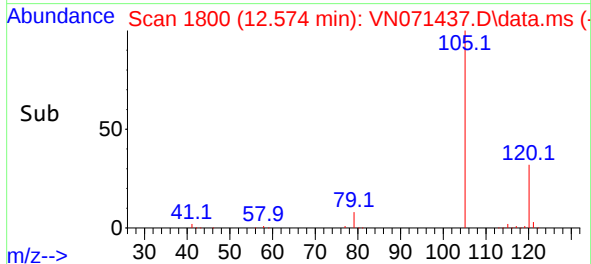
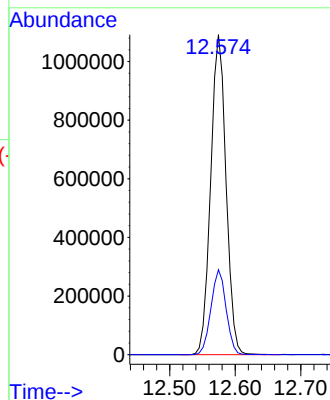
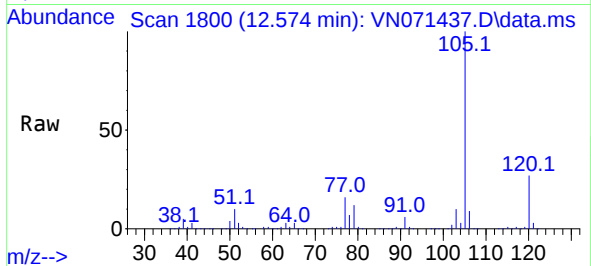
VSTDCCC050

Tgt Ion:105 Resp: 1773709
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations

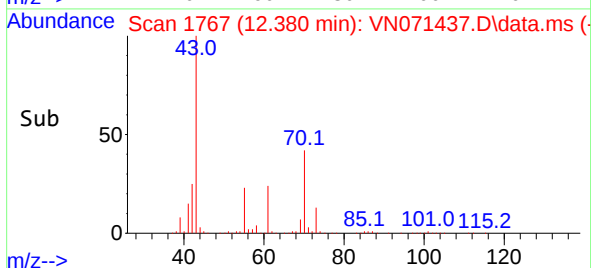
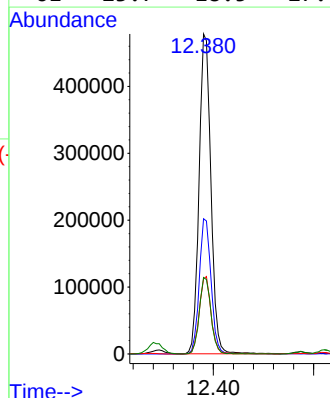
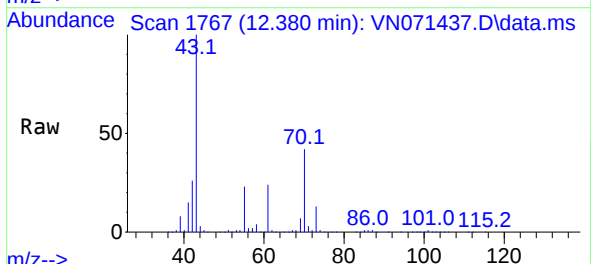
APPROVED

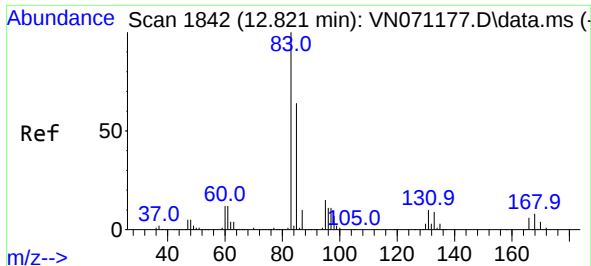
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 54.989 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

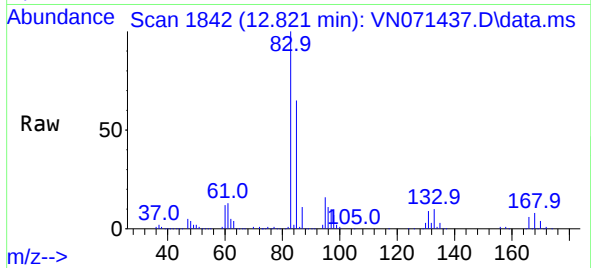
Tgt Ion: 43 Resp: 780546
Ion Ratio Lower Upper
43 100
70 42.2 33.4 50.0
55 24.0 19.3 28.9
61 23.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 55.626 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

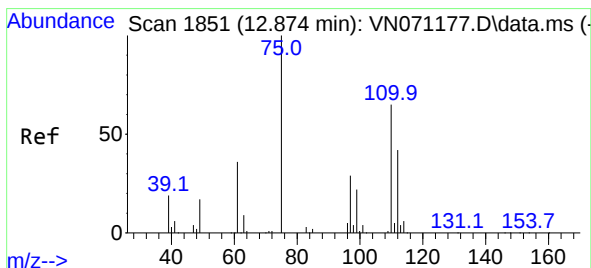
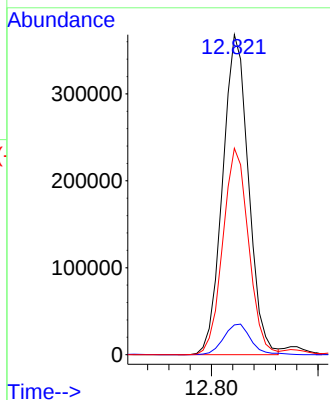
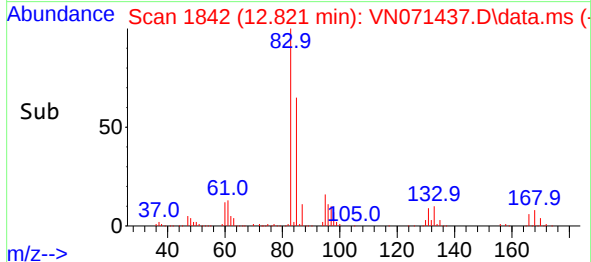
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 620810
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.2 32.4 97.2

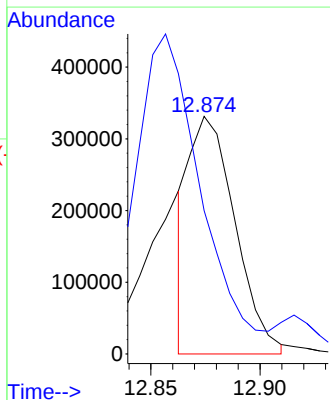
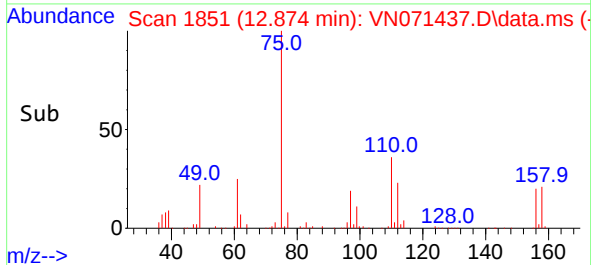
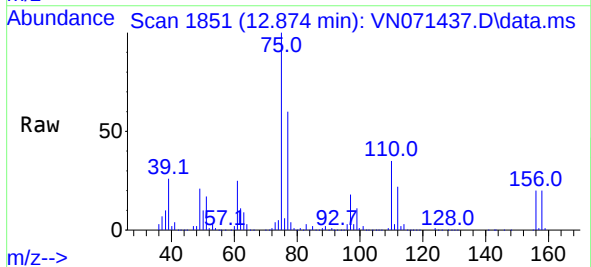
Manual Integrations
APPROVED

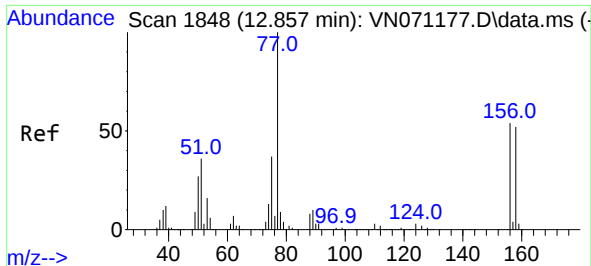
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#76
1,2,3-Trichloropropane
Concen: 51.226 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

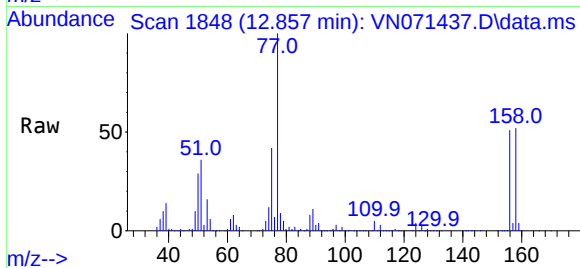
Tgt Ion: 75 Resp: 485562
Ion Ratio Lower Upper
75 100
77 192.7 82.6 247.8





#77
Bromobenzene
Concen: 45.962 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

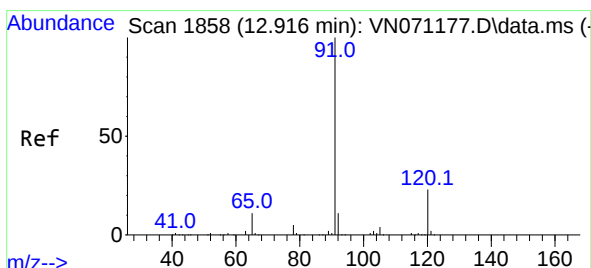
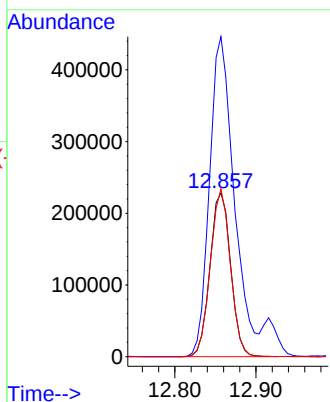
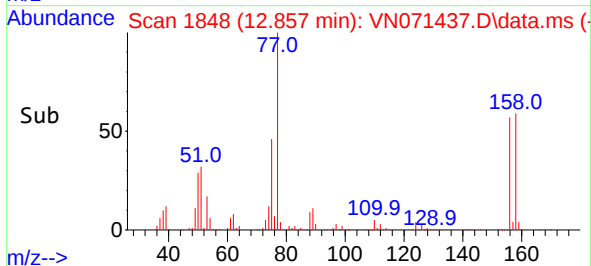
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



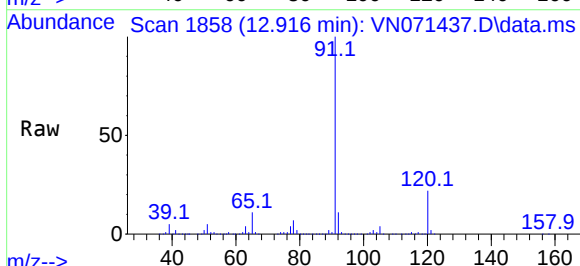
Tgt Ion:156 Resp: 404611
Ion Ratio Lower Upper
156 100
77 231.2 90.6 271.8
158 99.2 48.9 146.7

Manual Integrations
APPROVED

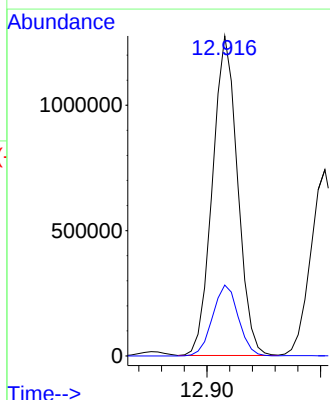
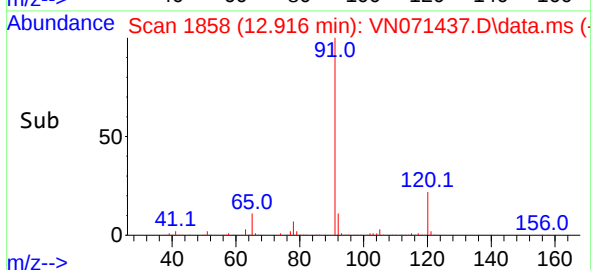
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

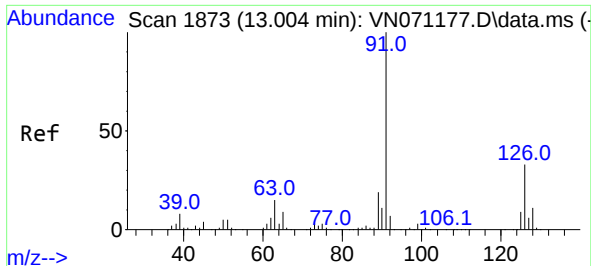


#78
n-propylbenzene
Concen: 48.302 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion: 91 Resp: 1956741
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





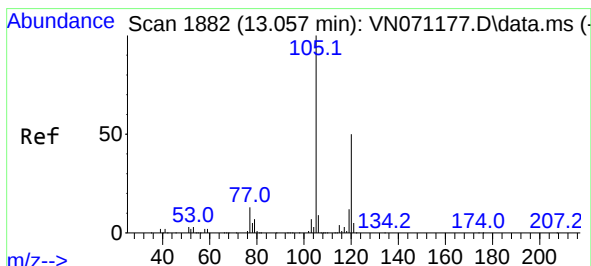
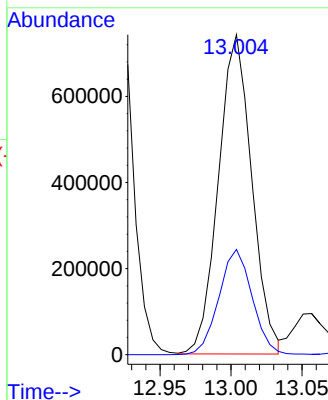
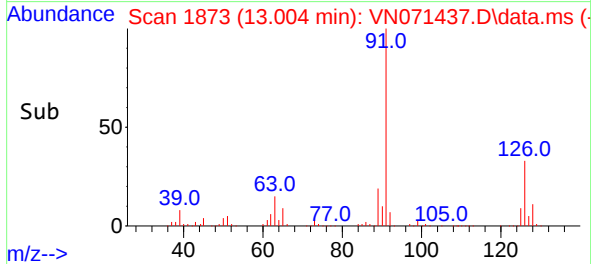
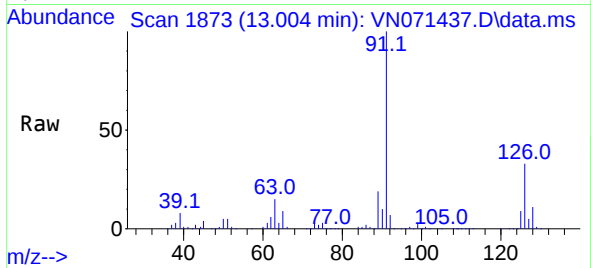
#79
2-Chlorotoluene
Concen: 46.558 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 121072
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

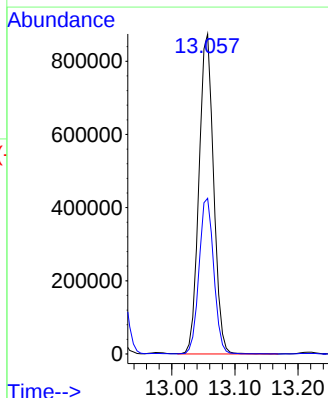
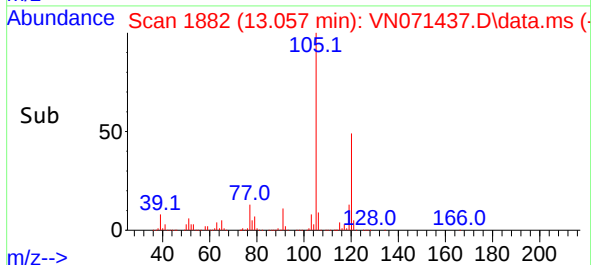
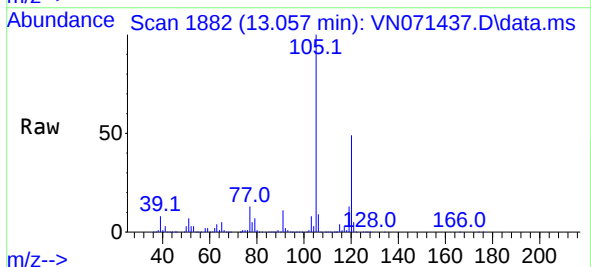
Manual Integrations
APPROVED

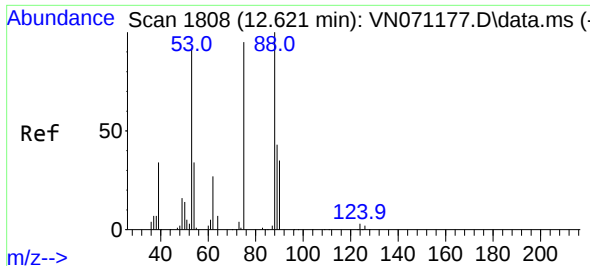
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.903 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

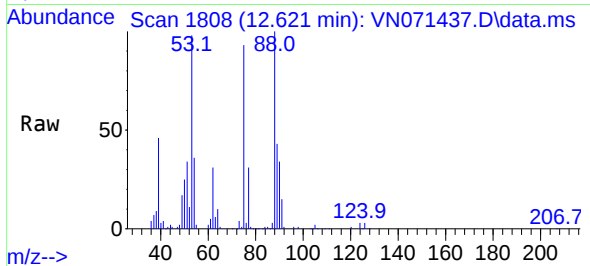
Tgt Ion:105 Resp: 1406956
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.674 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

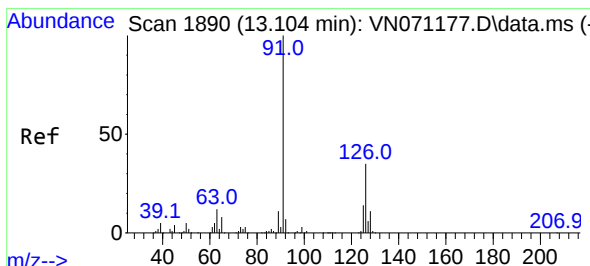
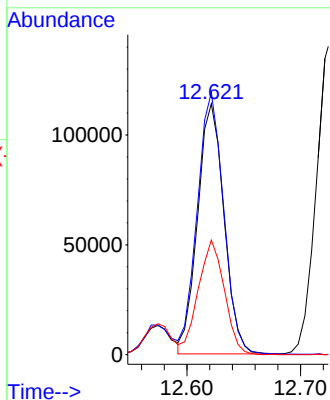
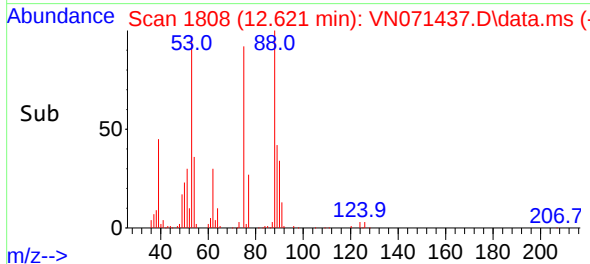
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



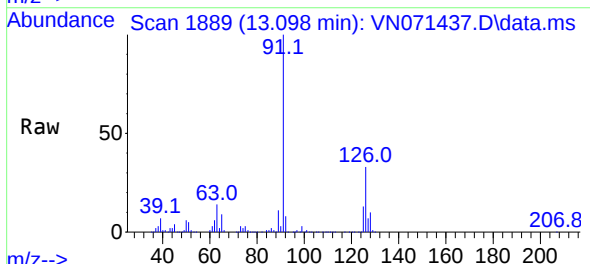
Tgt Ion: 75 Resp: 18358
Ion Ratio Lower Upper
75 100
53 105.3 90.5 135.7
89 45.5 38.2 57.4

Manual Integrations
APPROVED

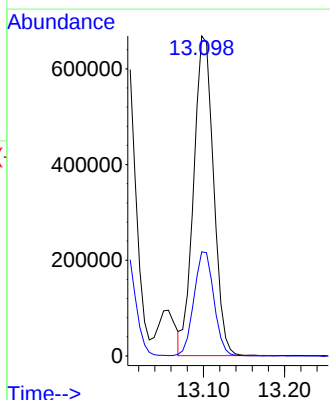
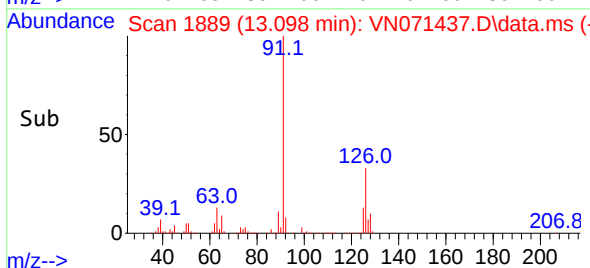
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

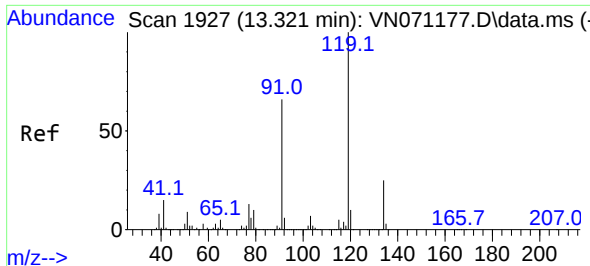


#82
4-Chlorotoluene
Concen: 49.150 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



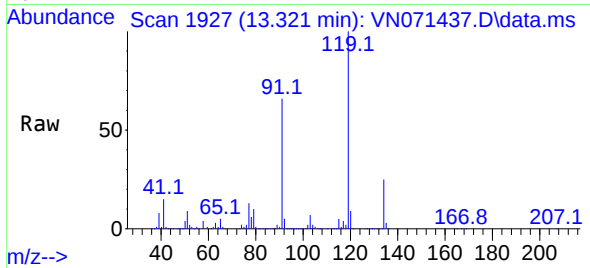
Tgt Ion: 91 Resp: 1138467
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.296 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

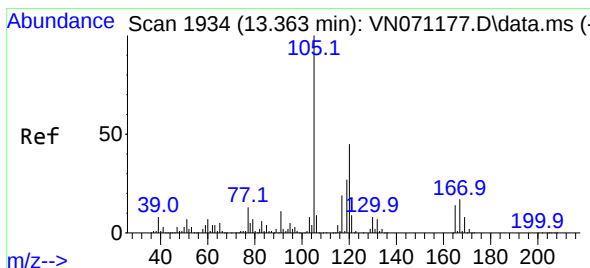
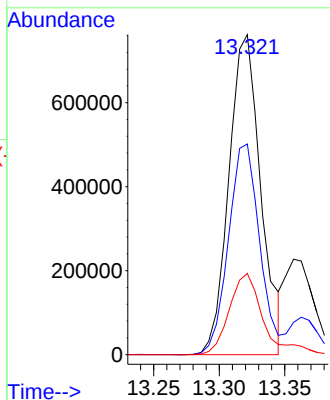
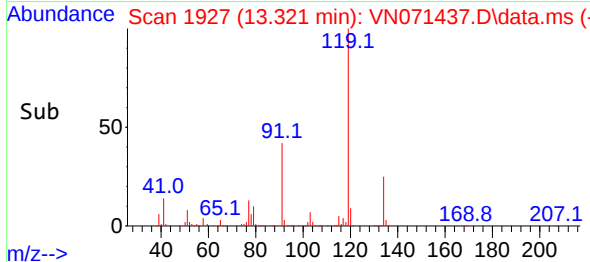
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



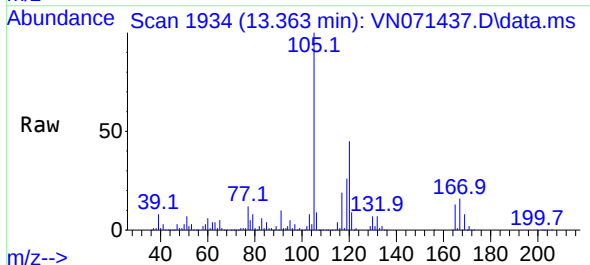
Tgt Ion:119 Resp: 129213
Ion Ratio Lower Upper
119 100
91 64.0 31.5 94.5
134 27.1 12.4 37.4

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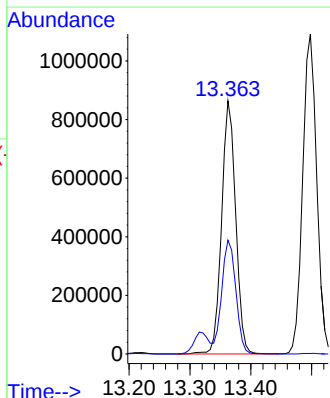
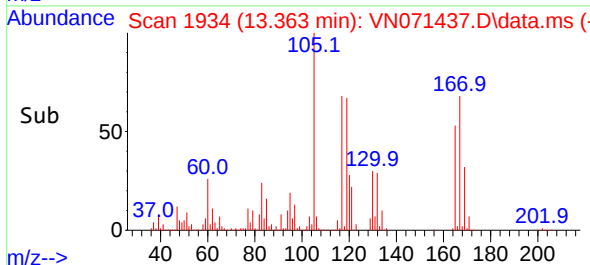
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

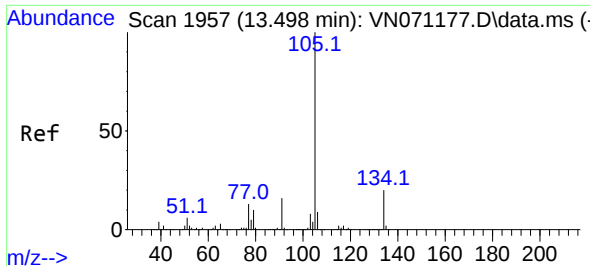


#84
1,2,4-Trimethylbenzene
Concen: 49.151 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



Tgt Ion:105 Resp: 1382769
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4





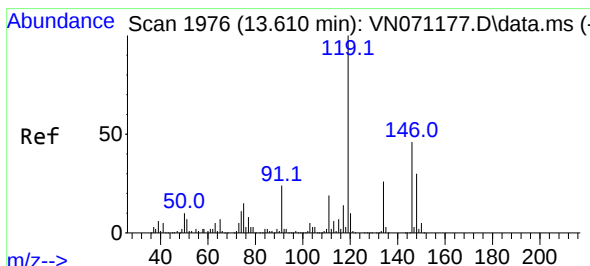
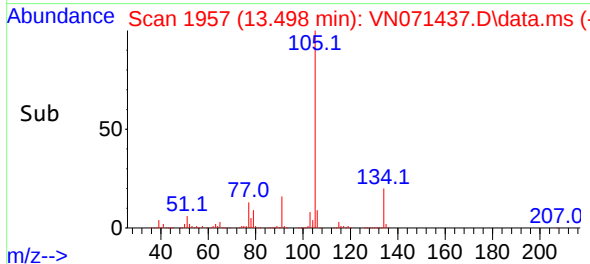
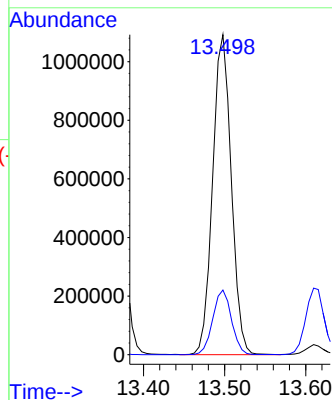
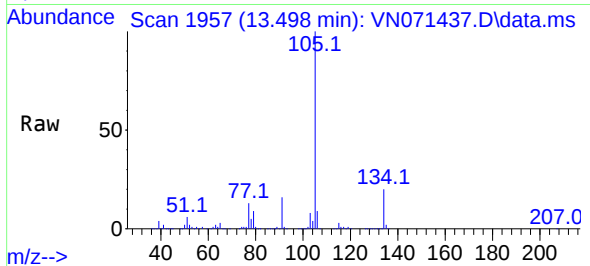
#85
 sec-Butylbenzene
 Concen: 49.938 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071437.D
 Acq: 21 Mar 2022 23:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 173982
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

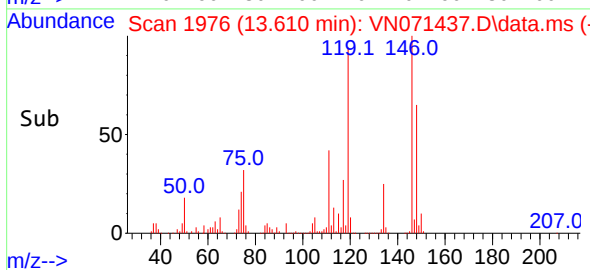
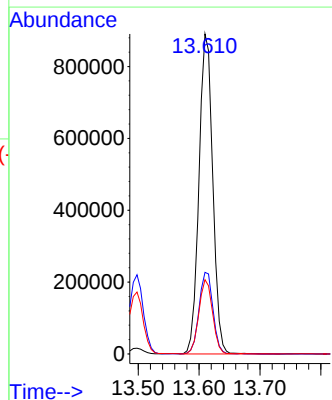
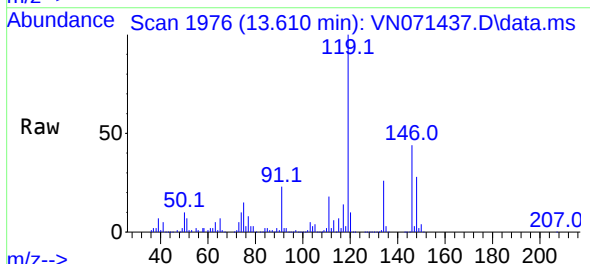
Manual Integrations
 APPROVED

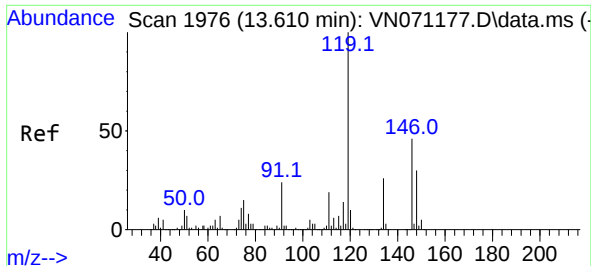
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#86
 p-Isopropyltoluene
 Concen: 50.951 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071437.D
 Acq: 21 Mar 2022 23:18

Tgt Ion:119 Resp: 1396016
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 23.0 11.4 34.1





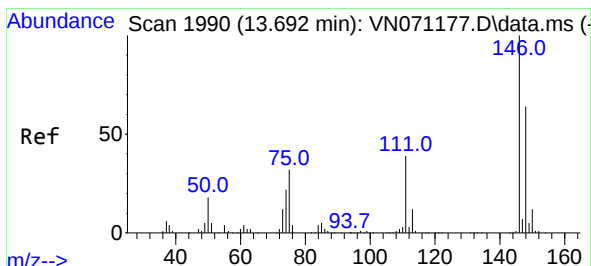
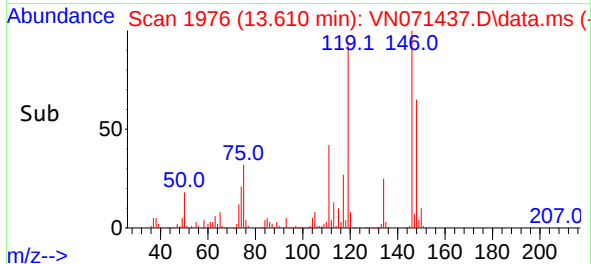
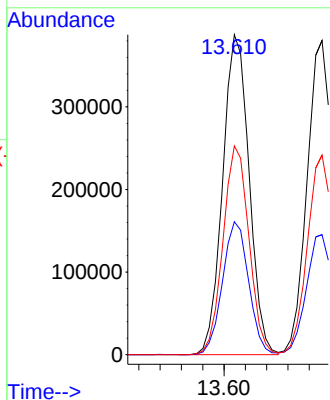
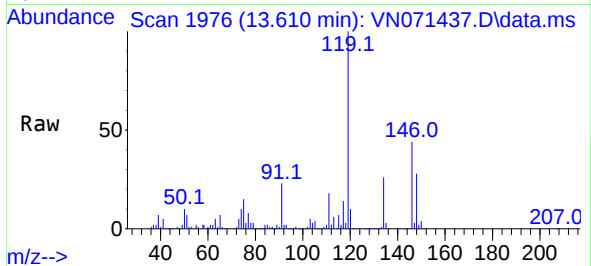
#87
1,3-Dichlorobenzene
Concen: 46.697 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 66793
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 64.0 31.6 95.0

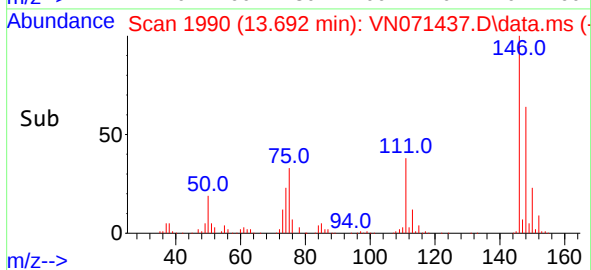
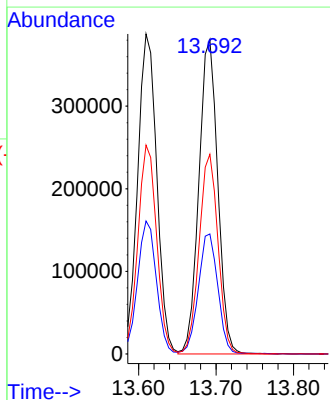
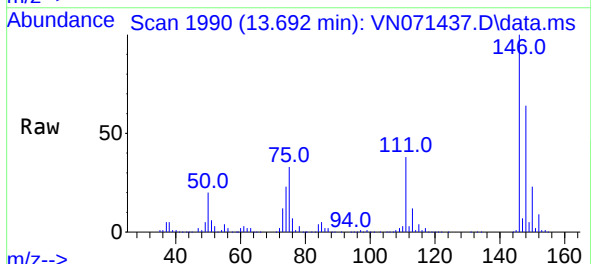
Manual Integrations
APPROVED

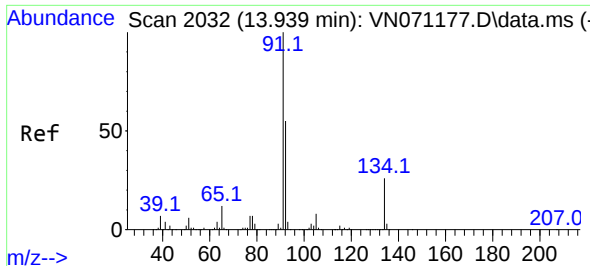
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#88
1,4-Dichlorobenzene
Concen: 46.172 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion:146 Resp: 645579
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 63.6 31.8 95.4





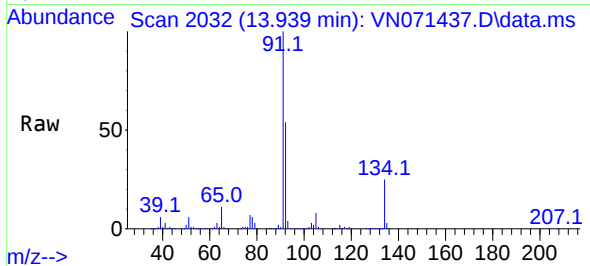
#89
n-Butylbenzene
Concen: 49.737 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



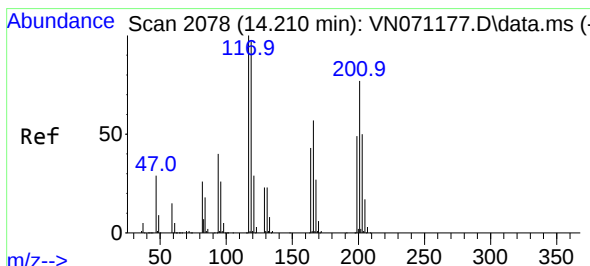
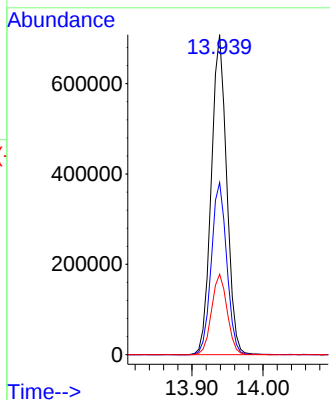
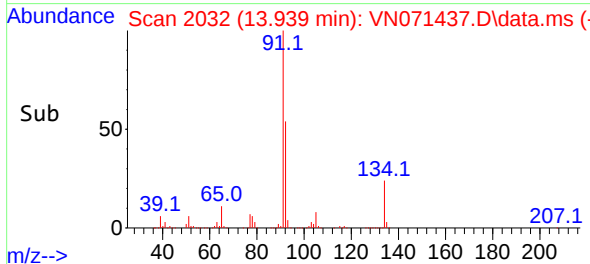
Tgt Ion: 91 Resp: 1065850
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 25.4 13.6 40.8

Manual Integrations

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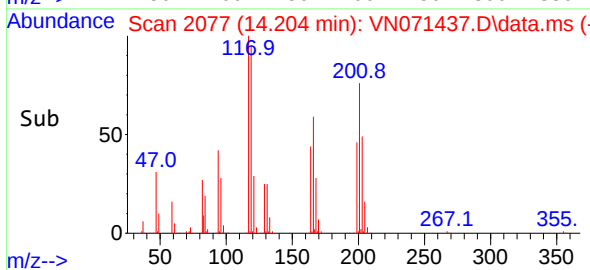
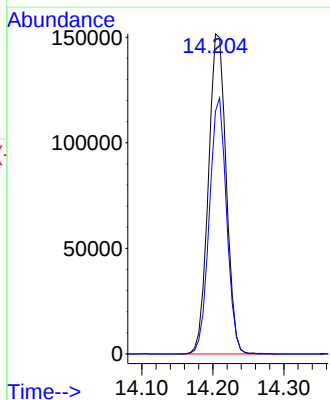
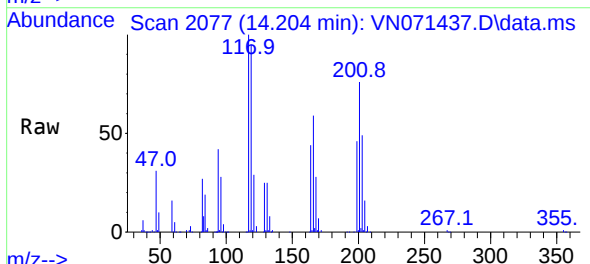
Reviewed By :John Carlone 03/22/2022

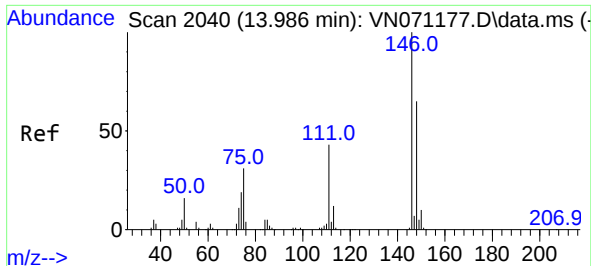
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 48.459 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion:117 Resp: 264035
Ion Ratio Lower Upper
117 100
201 77.1 43.9 131.6





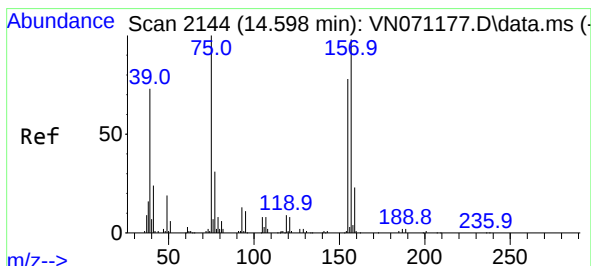
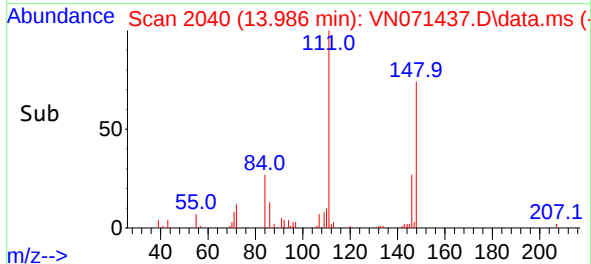
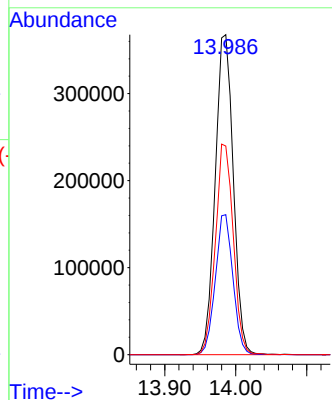
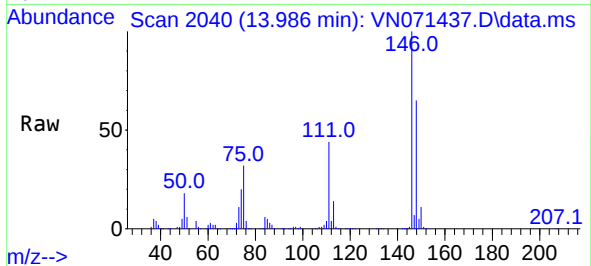
#91
1,2-Dichlorobenzene
Concen: 47.240 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 64962
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 65.1 32.1 96.3

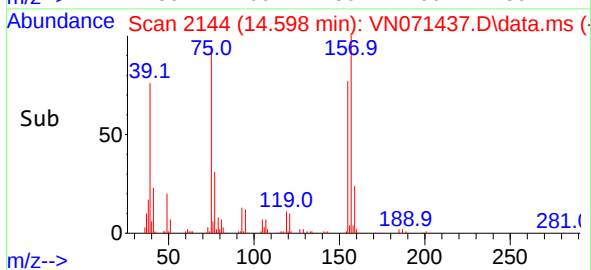
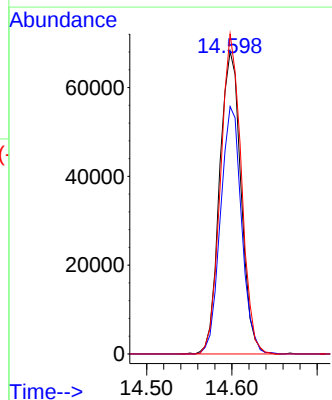
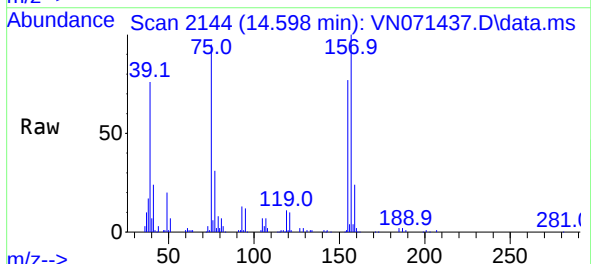
Manual Integrations
APPROVED

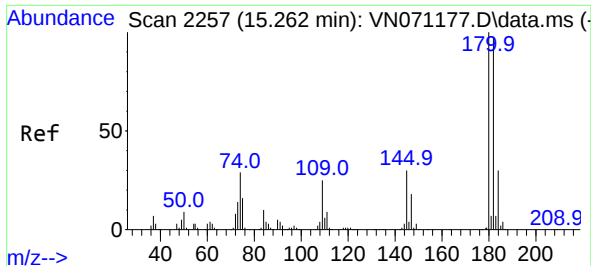
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.012 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

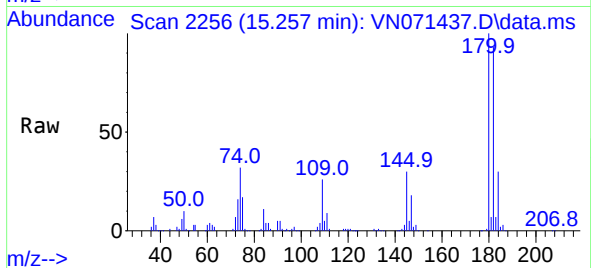
Tgt Ion: 75 Resp: 118641
Ion Ratio Lower Upper
75 100
155 80.8 46.9 140.7
157 102.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.475 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

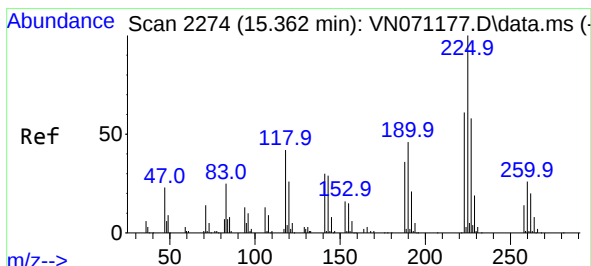
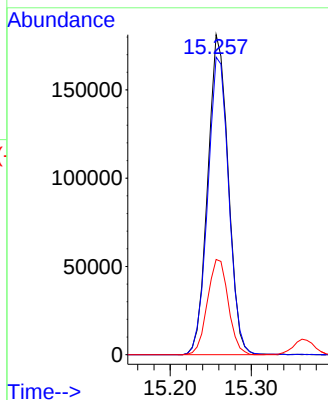
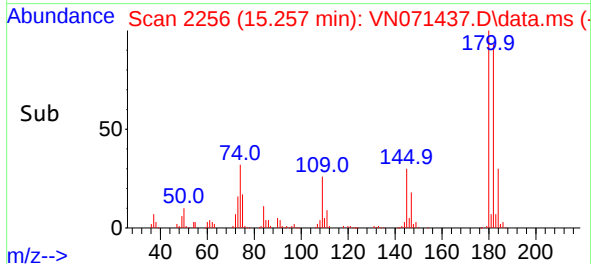
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



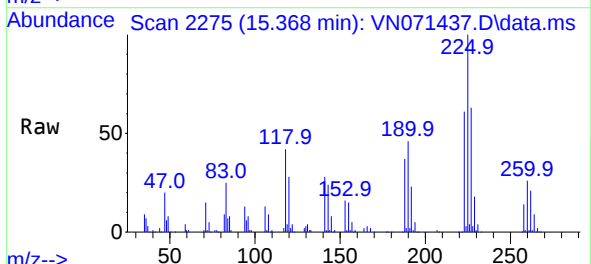
Tgt Ion:180 Resp: 31732
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 30.3 14.5 43.5

Manual Integrations
APPROVED

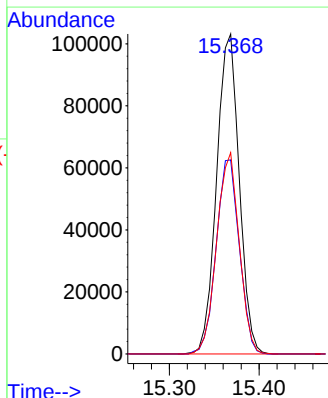
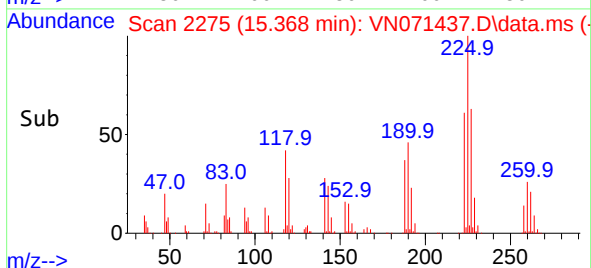
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

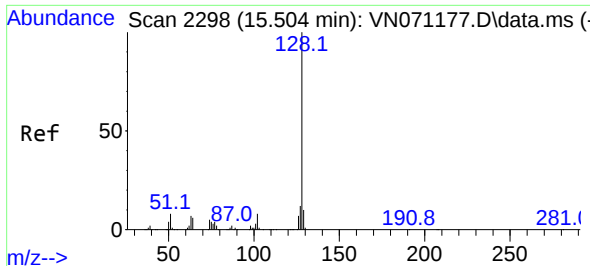


#94
Hexachlorobutadiene
Concen: 46.703 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18



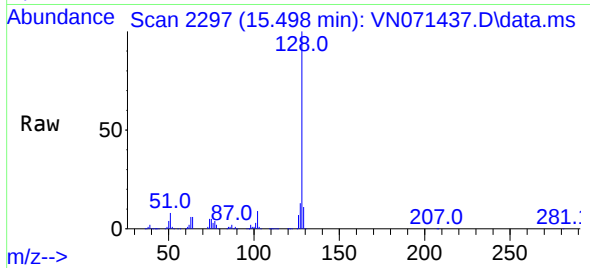
Tgt Ion:225 Resp: 180298
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 56.600 ug/l
RT: 15.498 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

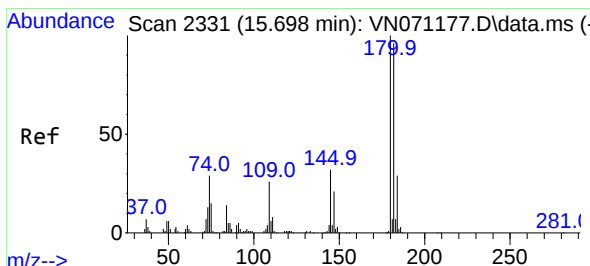
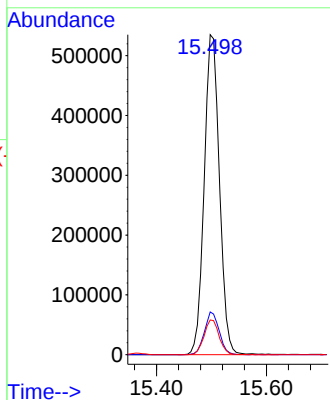
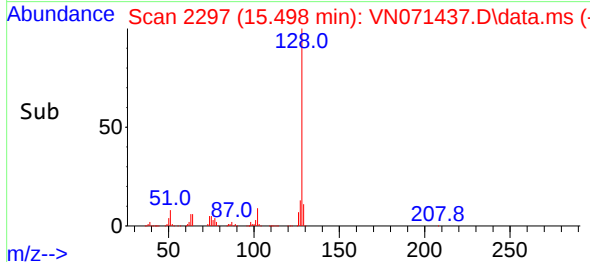
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1029498
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 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: 52.417 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071437.D
Acq: 21 Mar 2022 23:18

Tgt Ion:180 Resp: 323139
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 31.6 15.0 45.1

