

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071455.D
 Acq On : 22 Mar 2022 06:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 08:09:39 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	571294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	975589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	911720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	371113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	352525	45.024	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.040%		
35) Dibromofluoromethane	8.022	113	268919	43.682	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	87.360%		
50) Toluene-d8	10.439	98	1050571	42.384	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	84.760%		
62) 4-Bromofluorobenzene	12.727	95	369823	44.060	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	262745	41.964	ug/l	98
3) Chloromethane	2.299	50	375214	44.634	ug/l	96
4) Vinyl Chloride	2.440	62	352795	45.977	ug/l	98
5) Bromomethane	2.822	94	172807	50.493	ug/l	99
6) Chloroethane	2.993	64	239388	51.516	ug/l	98
7) Trichlorofluoromethane	3.363	101	477216	47.251	ug/l	97
8) Diethyl Ether	3.822	74	221760	51.312	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	275868	47.184	ug/l	95
10) Methyl Iodide	4.416	142	385324	46.662	ug/l	99
11) Tert butyl alcohol	5.363	59	434022	282.174	ug/l	98
12) 1,1-Dichloroethene	4.181	96	272824	47.635	ug/l	90
13) Acrolein	4.034	56	340696	209.268	ug/l	98
14) Allyl chloride	4.840	41	606949	48.724	ug/l #	85
15) Acrylonitrile	5.545	53	1213418	265.681	ug/l	98
16) Acetone	4.281	43	1034361	271.505	ug/l	96
17) Carbon Disulfide	4.528	76	651096	39.931	ug/l	98
18) Methyl Acetate	4.846	43	574320	56.074	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1143891	53.195	ug/l	93
20) Methylene Chloride	5.093	84	344930	49.542	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	296699	47.360	ug/l	88
22) Diisopropyl ether	6.492	45	1289889	52.560	ug/l	91
23) Vinyl Acetate	6.428	43	5615365	270.277	ug/l	97
24) 1,1-Dichloroethane	6.381	63	653848	50.420	ug/l	99
25) 2-Butanone	7.328	43	1695433	276.263	ug/l	94
26) 2,2-Dichloropropane	7.322	77	387870	38.769	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	373820	50.277	ug/l	92
28) Bromochloromethane	7.651	49	250759	43.422	ug/l	82
29) Tetrahydrofuran	7.675	42	1136471	267.305	ug/l	91
30) Chloroform	7.816	83	635621	51.390	ug/l	97
31) Cyclohexane	8.092	56	567336	45.374	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	538615	51.123	ug/l	97
36) 1,1-Dichloropropene	8.216	75	456669	46.298	ug/l	97
37) Ethyl Acetate	7.404	43	654563	48.219	ug/l	98
38) Carbon Tetrachloride	8.204	117	450965	47.267	ug/l	99
39) Methylcyclohexane	9.457	83	525382	45.277	ug/l	94
40) Benzene	8.457	78	1418613	47.735	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	327491	49.296	ug/l	91
42) 1,2-Dichloroethane	8.522	62	511783	49.487	ug/l	100
43) Isopropyl Acetate	8.557	43	1023791	50.433	ug/l	97
44) Trichloroethene	9.210	130	334577	47.714	ug/l	96
45) 1,2-Dichloropropane	9.486	63	394760	49.483	ug/l	100
46) Dibromomethane	9.575	93	239754	48.827	ug/l	96
47) Bromodichloromethane	9.757	83	495305	49.914	ug/l	99
48) Methyl methacrylate	9.557	41	460167	48.915	ug/l #	87
49) 1,4-Dioxane	9.563	88	177973	1088.374	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	3413021	270.910	ug/l	100
52) Toluene	10.498	92	887418	48.492	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	530609	48.508	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	578310	48.386	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	359994	49.092	ug/l	99
56) Ethyl methacrylate	10.757	69	643941	53.772	ug/l	91
57) 1,3-Dichloropropane	11.039	76	652765	49.593	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	686344	270.254	ug/l	93
59) 2-Hexanone	11.080	43	2505159	291.434	ug/l	100
60) Dibromochloromethane	11.233	129	375892	51.590	ug/l	99
61) 1,2-Dibromoethane	11.339	107	365096	48.714	ug/l	100
64) Tetrachloroethene	10.975	164	276591	43.498	ug/l	99
65) Chlorobenzene	11.763	112	940057	48.012	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	354688	49.404	ug/l	99
67) Ethyl Benzene	11.839	91	1718313	49.634	ug/l	98
68) m/p-Xylenes	11.951	106	1277185	100.846	ug/l	97
69) o-Xylene	12.274	106	647712	51.021	ug/l	97
70) Styrene	12.292	104	1053140	53.592	ug/l	97
71) Bromoform	12.457	173	287466	52.725	ug/l #	99
73) Isopropylbenzene	12.574	105	1675492	46.835	ug/l	99
74) N-amyl acetate	12.380	43	727486	54.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	579629	54.767	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	448575m	49.864	ug/l	
77) Bromobenzene	12.857	156	386949	46.385	ug/l	80
78) n-propylbenzene	12.916	91	1854768	48.315	ug/l	97
79) 2-Chlorotoluene	13.004	91	1141888	46.338	ug/l	94
80) 1,3,5-Trimethylbenzene	13.051	105	1318532	47.373	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	160927	46.876	ug/l	94
82) 4-Chlorotoluene	13.098	91	1072506	48.861	ug/l	94
83) tert-Butylbenzene	13.321	119	1226916	49.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1303599	48.898	ug/l	100
85) sec-Butylbenzene	13.498	105	1626951	49.280	ug/l	99
86) p-Isopropyltoluene	13.610	119	1304436	50.240	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	634114	46.782	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	610470	46.074	ug/l	98
89) n-Butylbenzene	13.939	91	974529	47.988	ug/l	96
90) Hexachloroethane	14.204	117	251395	48.689	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	621323	47.679	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	109909	52.803	ug/l	88
93) 1,2,4-Trichlorobenzene	15.262	180	299453	49.282	ug/l	98
94) Hexachlorobutadiene	15.362	225	162117	44.315	ug/l	99
95) Naphthalene	15.498	128	974364	56.536	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	303165	51.922	ug/l	98

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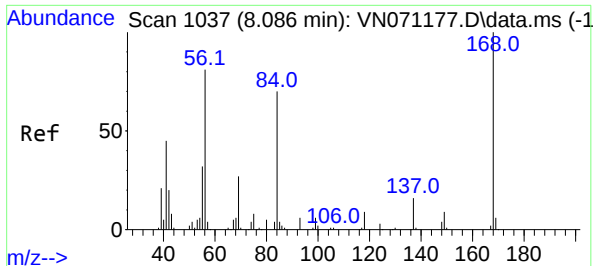
Manual Integrations
APPROVED

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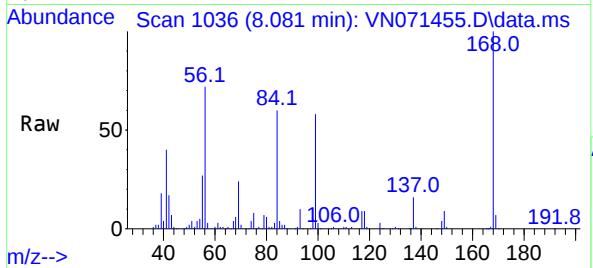
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
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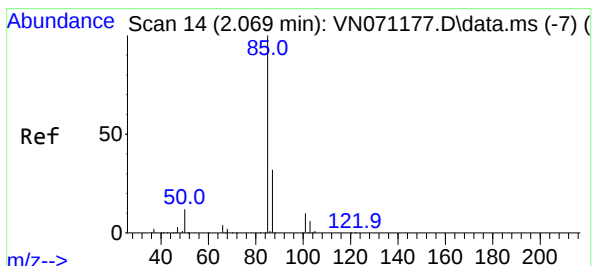
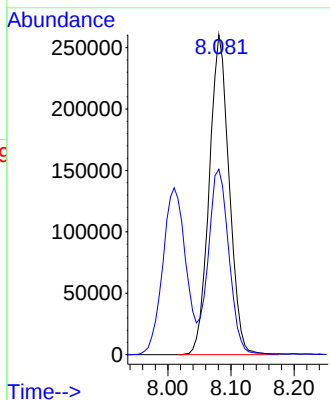
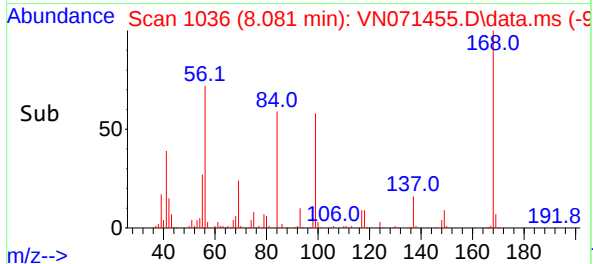
Instrument :
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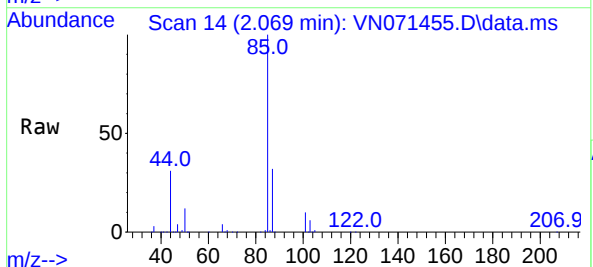
Tgt Ion:168 Resp: 571294
Ion Ratio Lower Upper
168 100
99 57.7 41.3 61.9

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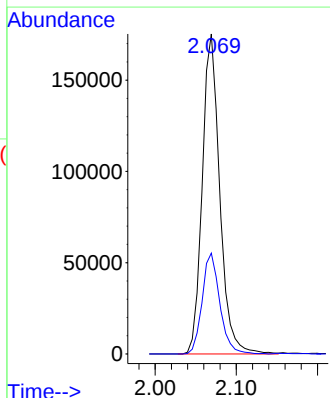
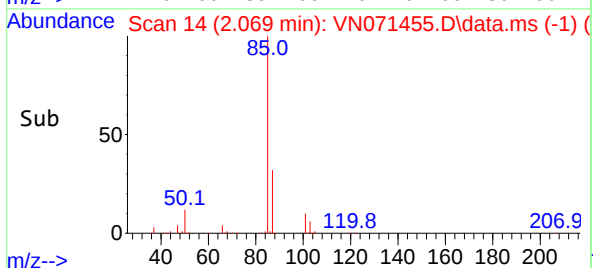
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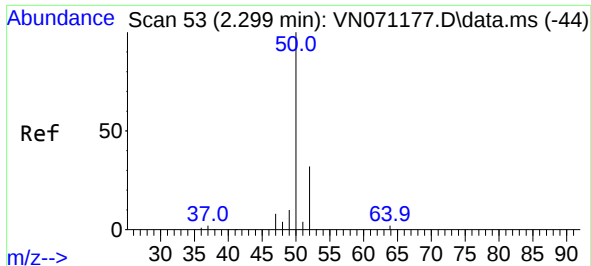


#2
Dichlorodifluoromethane
Concen: 41.964 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



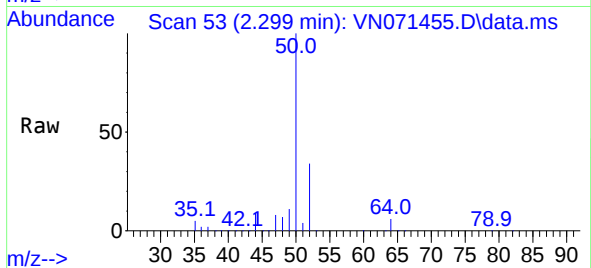
Tgt Ion: 85 Resp: 262745
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 44.634 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

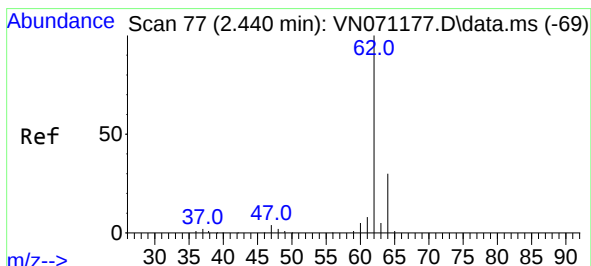
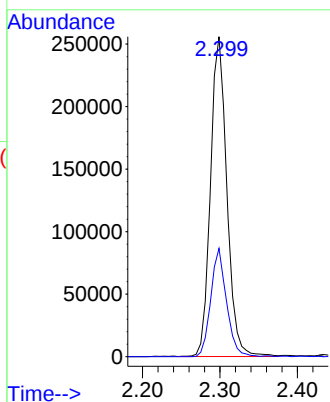
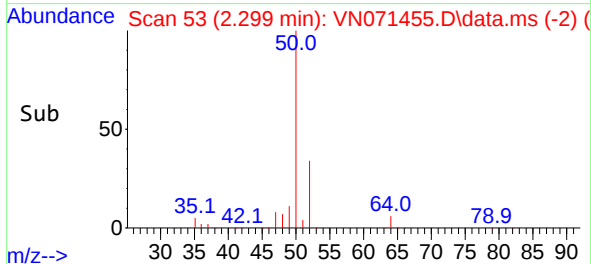
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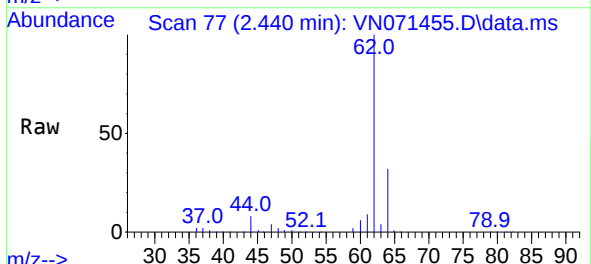
Tgt Ion: 50 Resp: 375214
Ion Ratio Lower Upper
50 100
52 33.9 25.4 38.0

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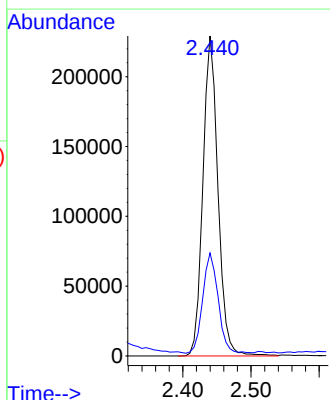
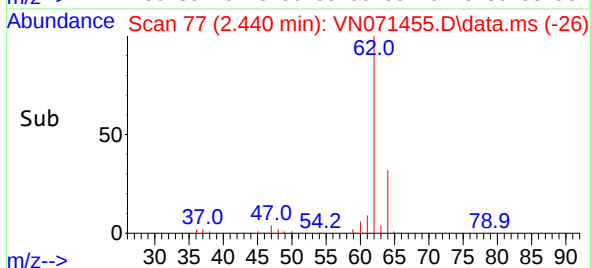
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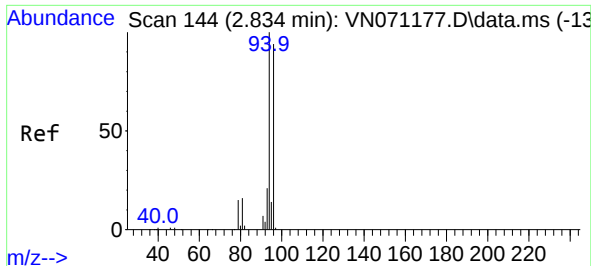


#4
Vinyl Chloride
Concen: 45.977 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071455.D
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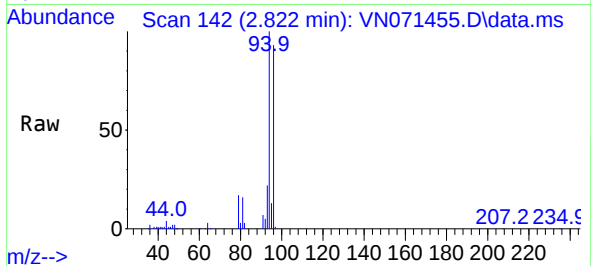
Tgt Ion: 62 Resp: 352795
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 50.493 ug/l
RT: 2.822 min Scan# 144
Delta R.T. -0.012 min
Lab File: VN071455.D
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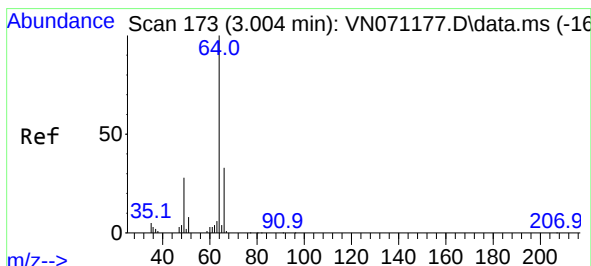
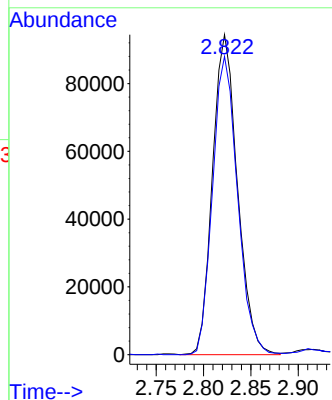
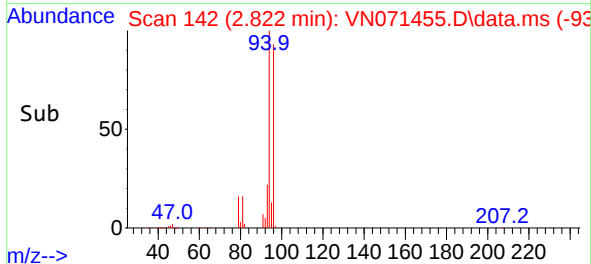
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Tgt Ion: 94 Resp: 17280
Ion Ratio Lower Upper
94 100
96 93.2 73.8 110.8

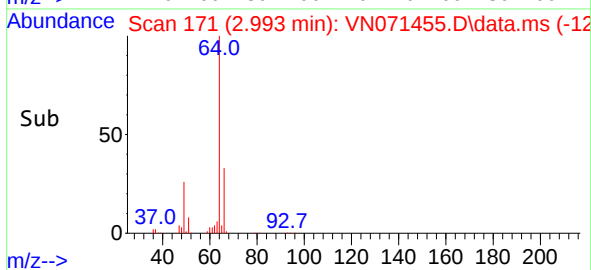
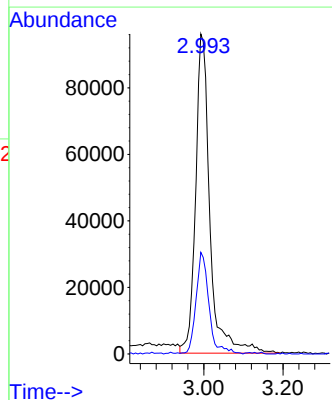
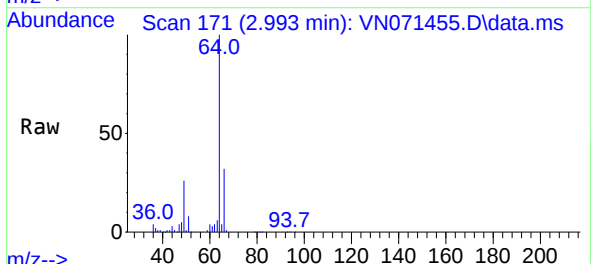
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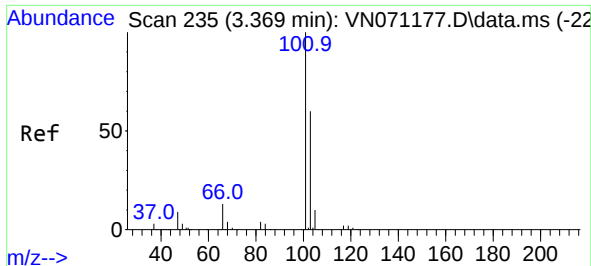
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#6
Chloroethane
Concen: 51.516 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.011 min
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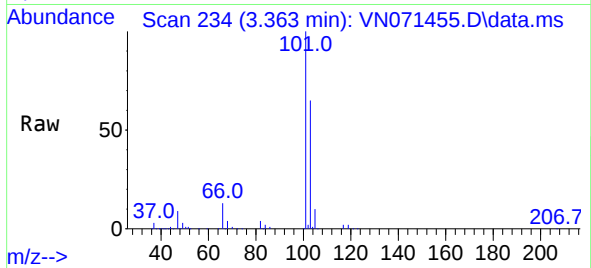
Tgt Ion: 64 Resp: 239388
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 47.251 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071455.D
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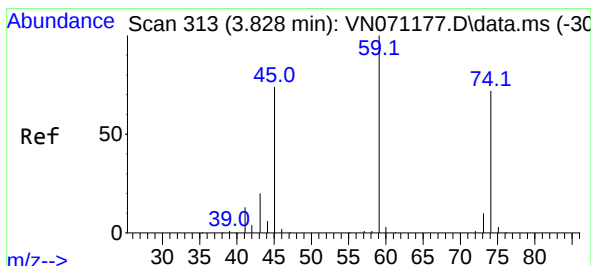
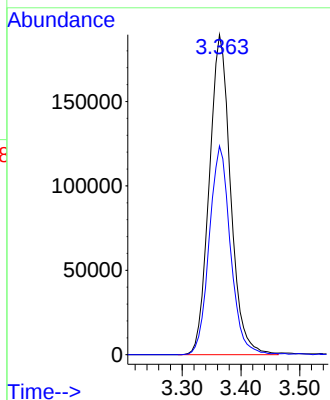
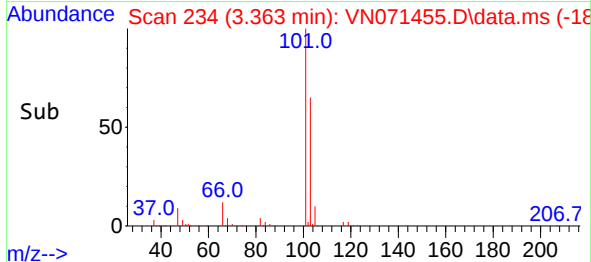
Instrument :
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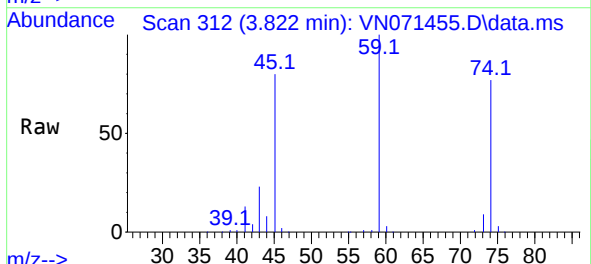
Tgt Ion:101 Resp: 477210
Ion Ratio Lower Upper
101 100
103 65.2 50.1 75.1

Manual Integrations
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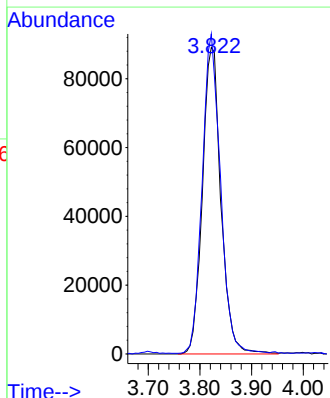
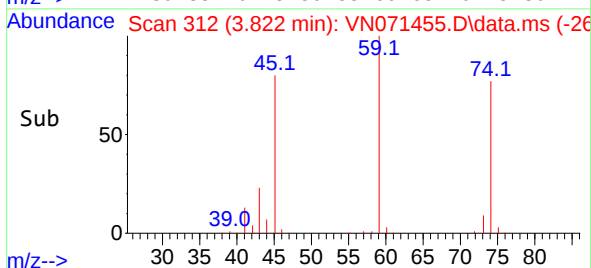
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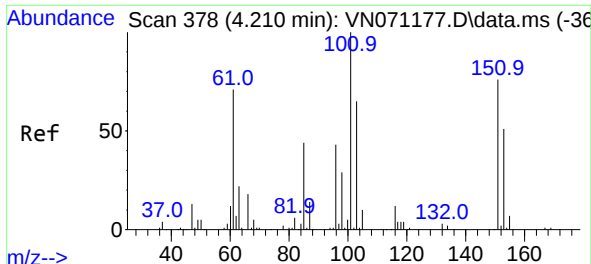


#8
Diethyl Ether
Concen: 51.312 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071455.D
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Tgt Ion: 74 Resp: 221760
Ion Ratio Lower Upper
74 100
45 102.5 47.0 141.2





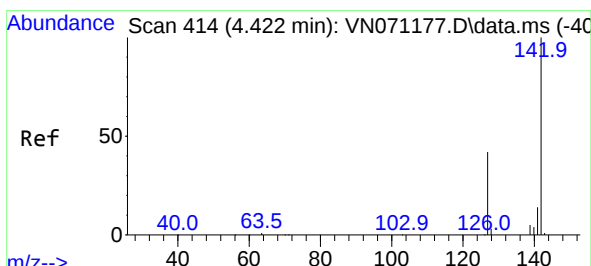
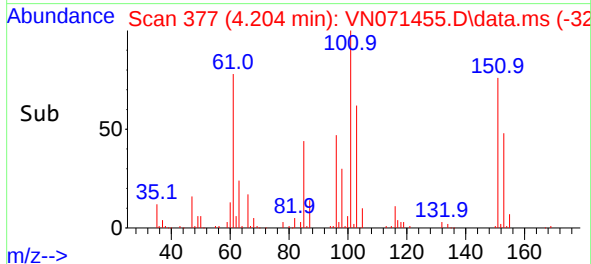
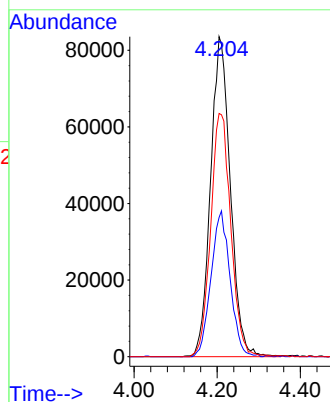
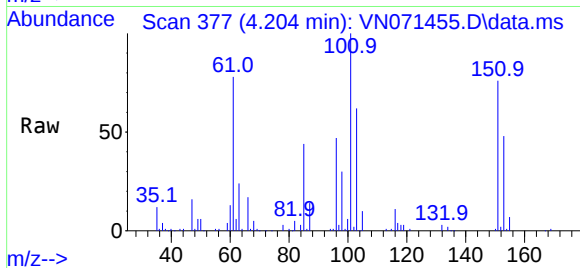
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.184 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 27586
Ion Ratio Lower Upper
101 100
85 43.9 37.2 55.8
151 77.5 65.9 98.9

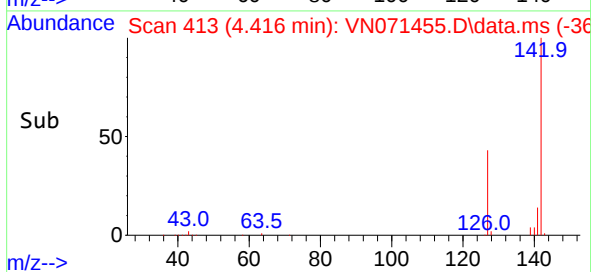
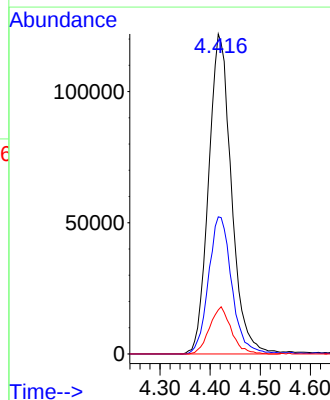
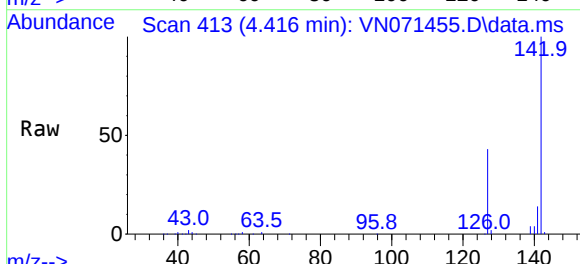
Manual Integrations
APPROVED

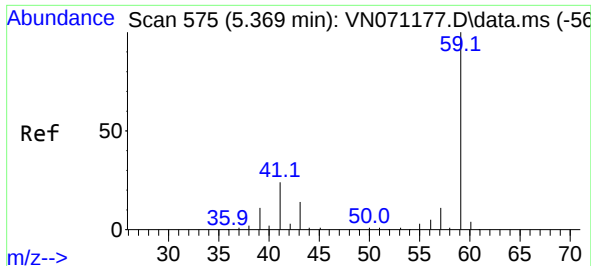
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 46.662 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

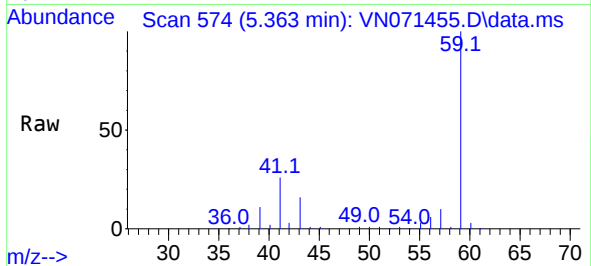
Tgt Ion:142 Resp: 385324
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 282.174 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

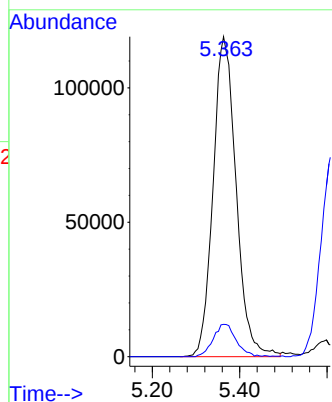
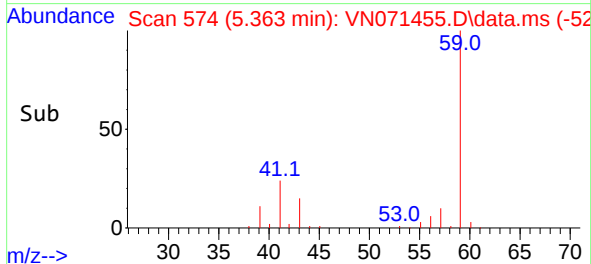
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



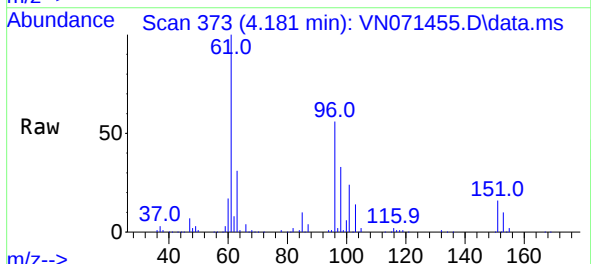
Tgt Ion: 59 Resp: 43402
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

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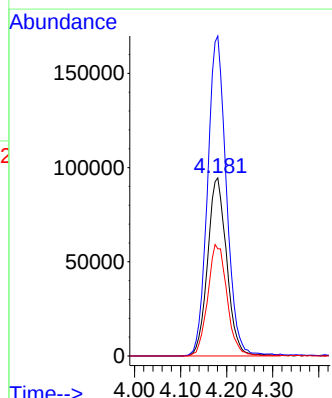
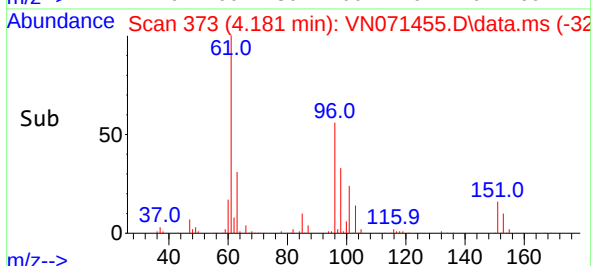
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

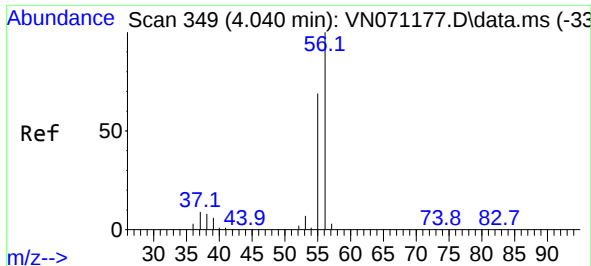


#12
1,1-Dichloroethene
Concen: 47.635 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



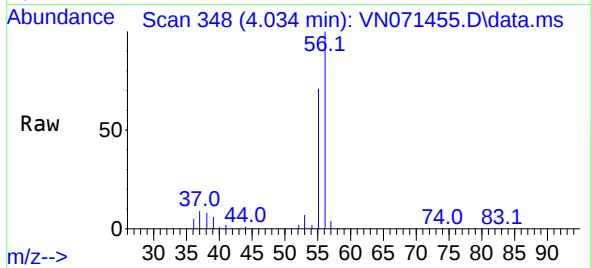
Tgt Ion: 96 Resp: 272824
Ion Ratio Lower Upper
96 100
61 179.7 131.0 196.6
98 60.2 52.4 78.6





#13
Acrolein
Concen: 209.268 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

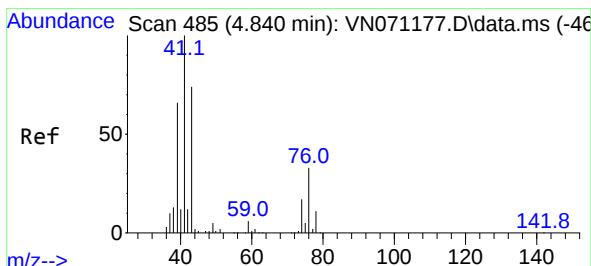
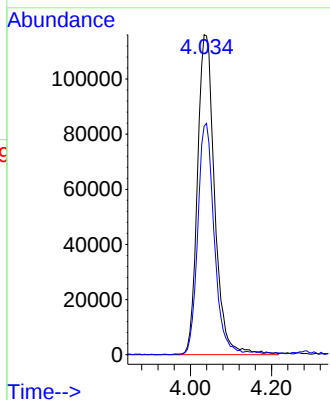
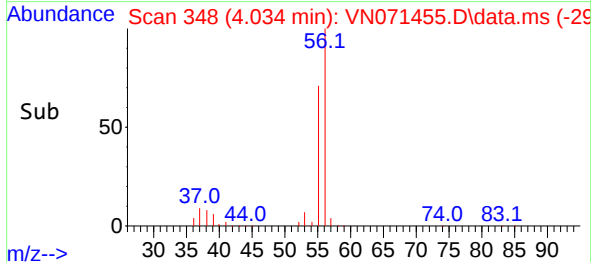
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 340690
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

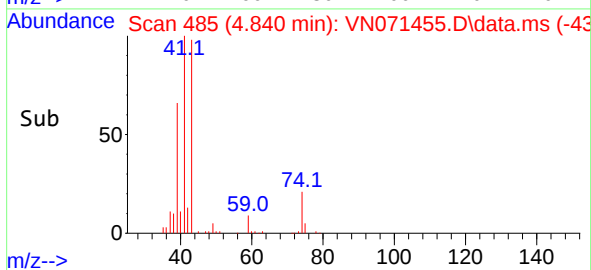
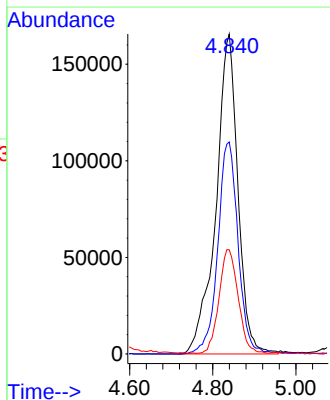
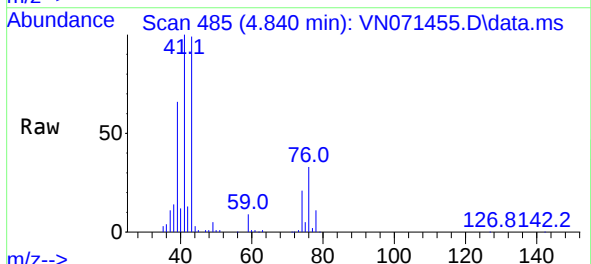
Manual Integrations
APPROVED

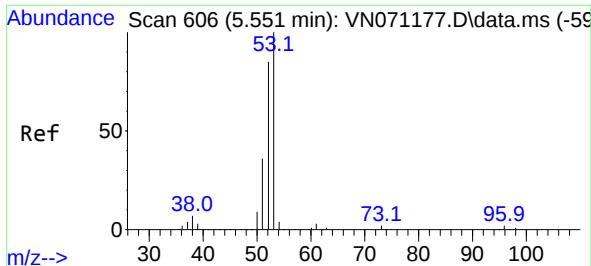
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#14
Allyl chloride
Concen: 48.724 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

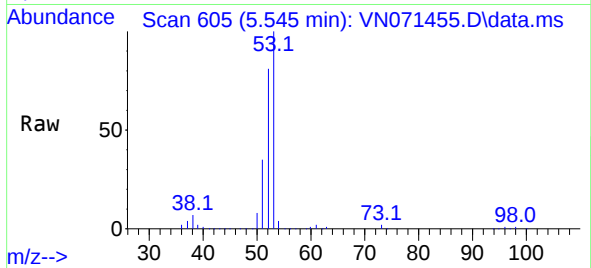
Tgt Ion: 41 Resp: 606949
Ion Ratio Lower Upper
41 100
39 61.2 61.2 91.8#
76 28.2 26.0 39.0





#15
Acrylonitrile
Concen: 265.681 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

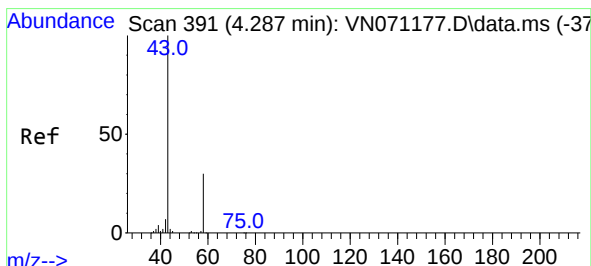
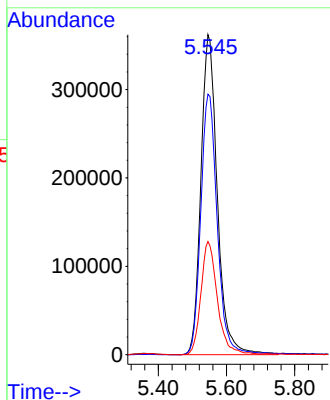
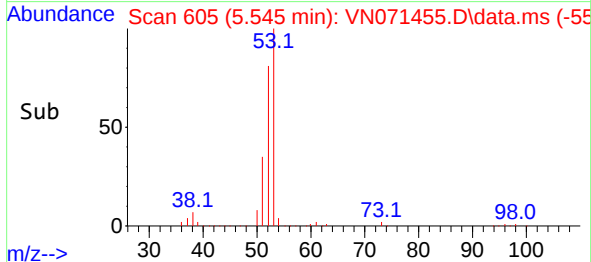
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1213418
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.2
51 35.6 29.6 44.4

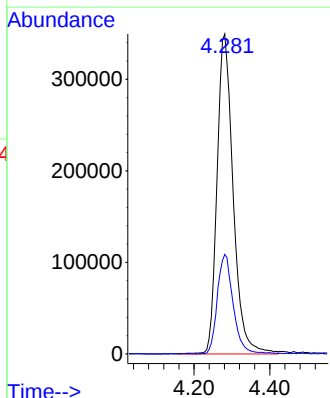
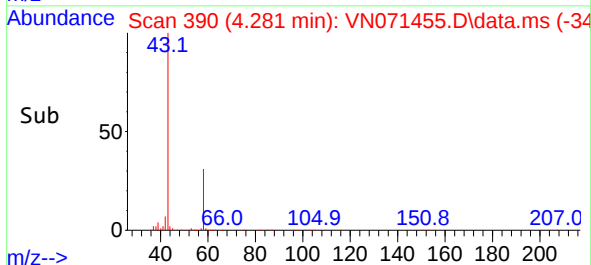
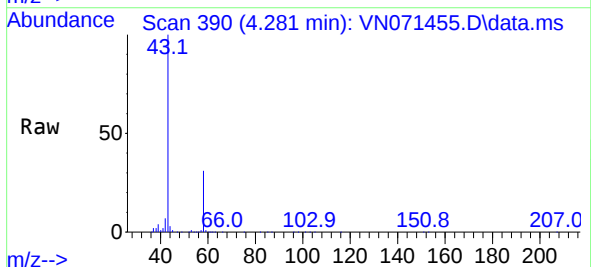
Manual Integrations
APPROVED

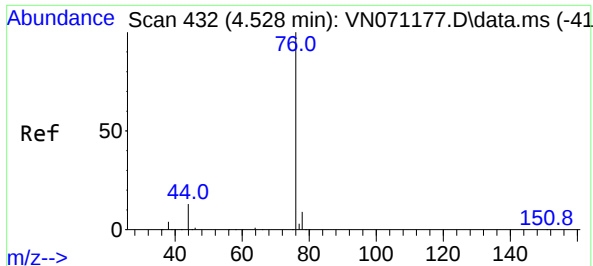
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 271.505 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

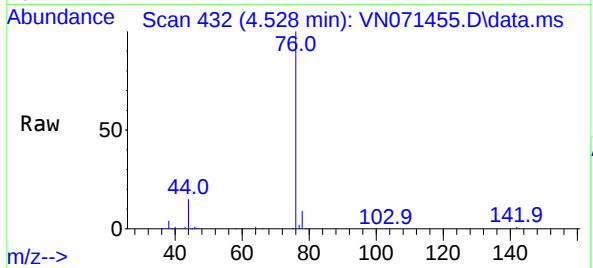
Tgt Ion: 43 Resp: 1034361
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#17
Carbon Disulfide
Concen: 39.931 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

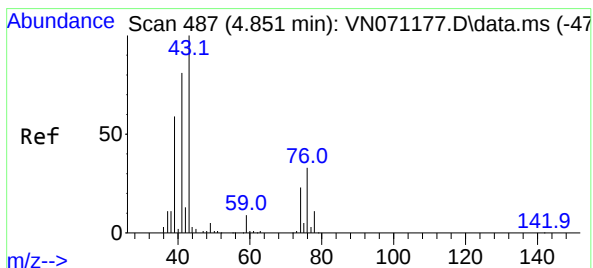
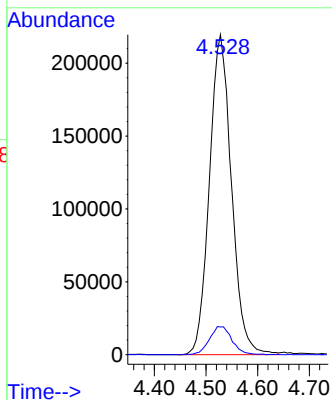
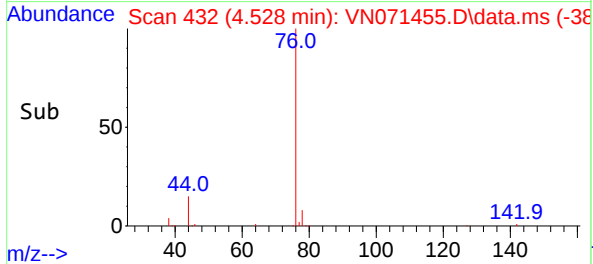
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



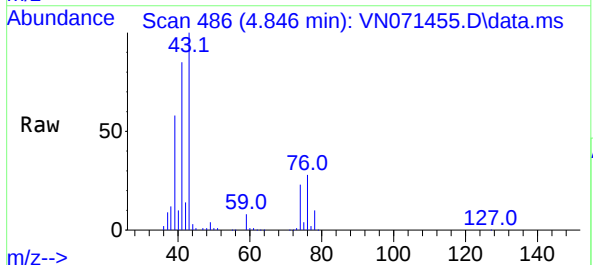
Tgt Ion: 76 Resp: 651090
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

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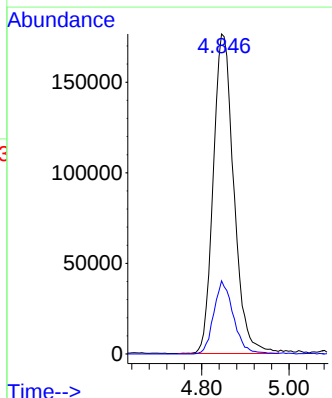
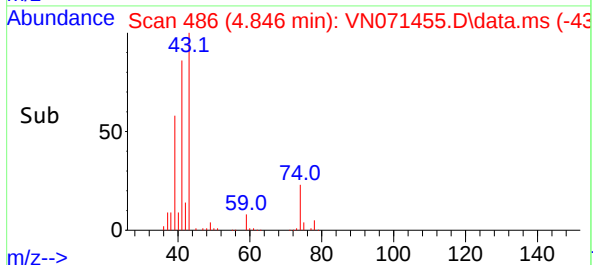
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

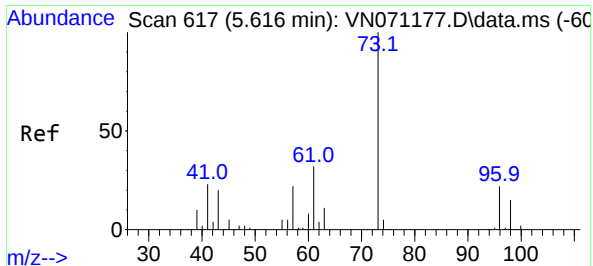


#18
Methyl Acetate
Concen: 56.074 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.005 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



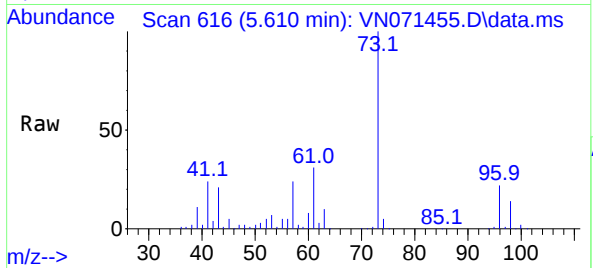
Tgt Ion: 43 Resp: 574320
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.195 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

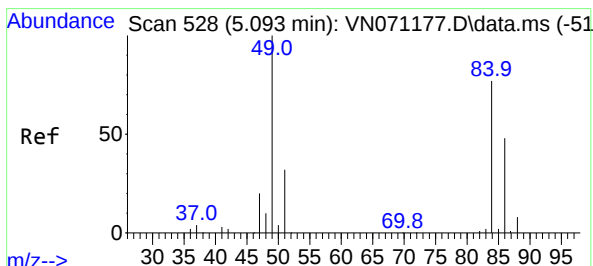
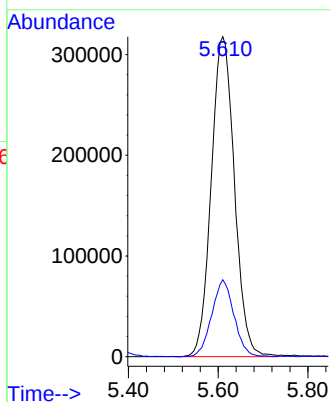
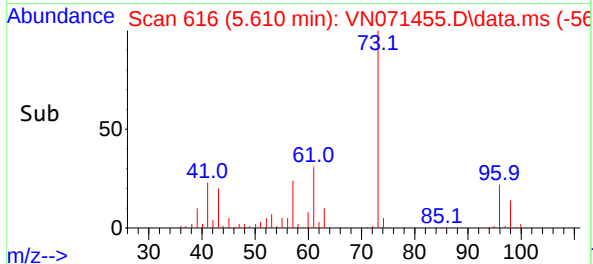
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



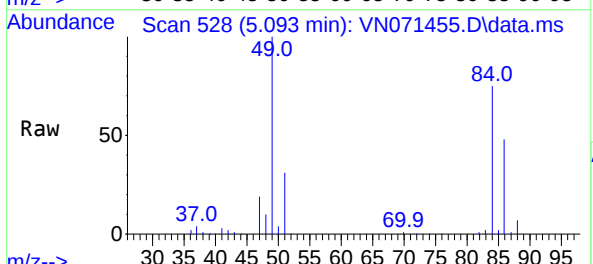
Tgt Ion: 73 Resp: 114389
Ion Ratio Lower Upper
73 100
57 24.1 16.8 25.2

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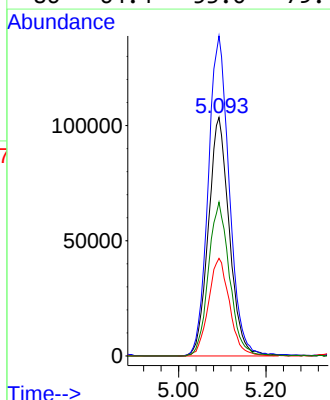
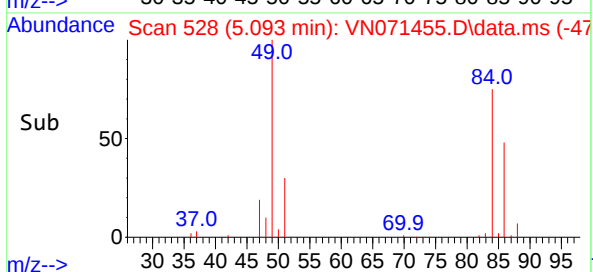
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

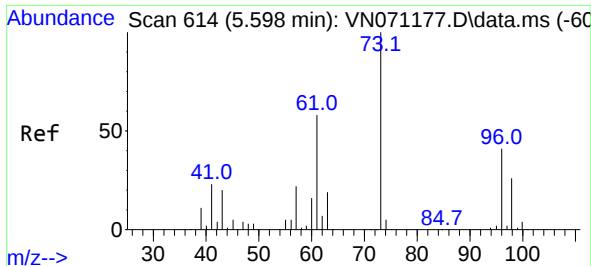


#20
Methylene Chloride
Concen: 49.542 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion: 84 Resp: 344930
Ion Ratio Lower Upper
84 100
49 134.1 93.5 140.3
51 40.9 29.4 44.2
86 64.4 53.0 79.4





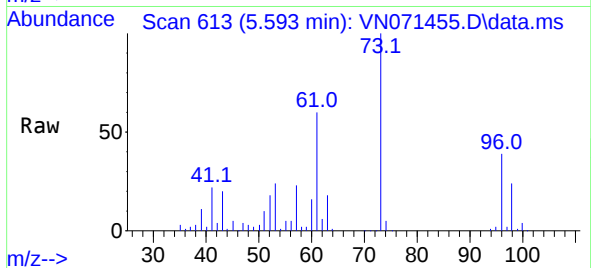
#21
trans-1,2-Dichloroethene
Concen: 47.360 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



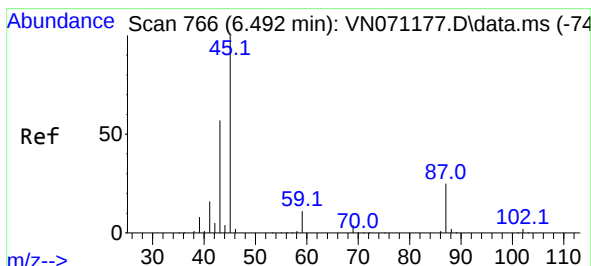
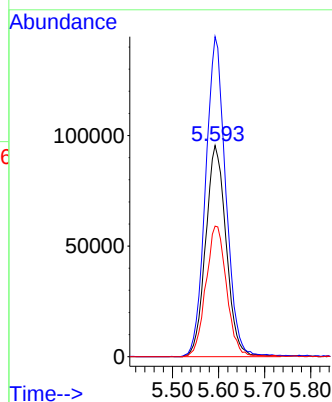
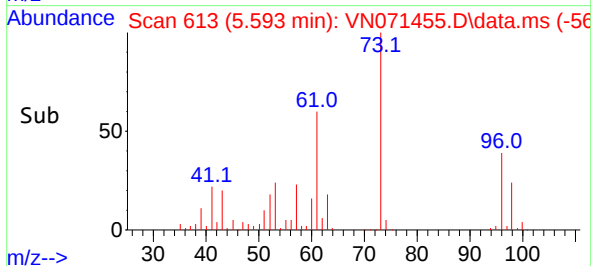
Tgt Ion: 96 Resp: 296699
Ion Ratio Lower Upper
96 100
61 151.6 105.8 158.6
98 61.8 52.0 78.0

Manual Integrations

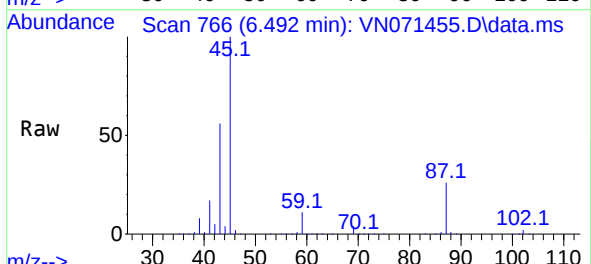
APPROVED

Reviewed By :John Carlone 03/22/2022

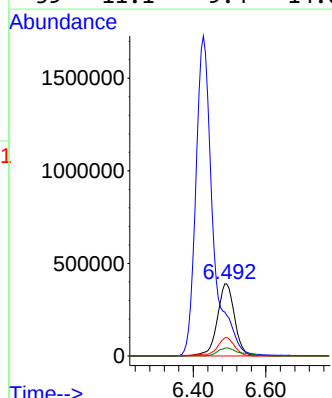
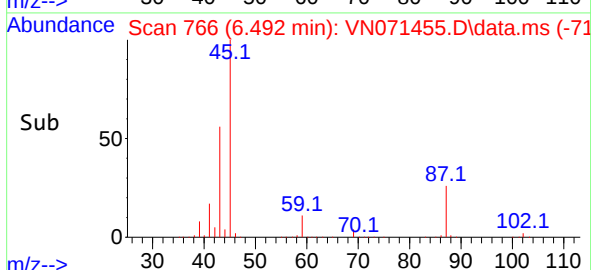
Supervised By :Mahesh Dadoda 03/22/2022

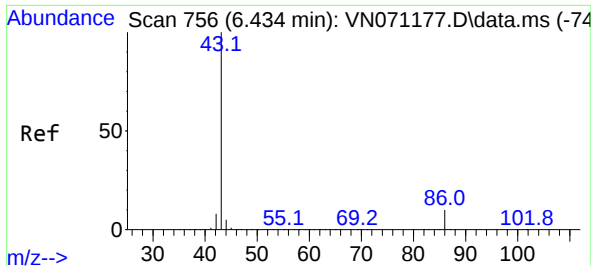


#22
Diisopropyl ether
Concen: 52.560 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



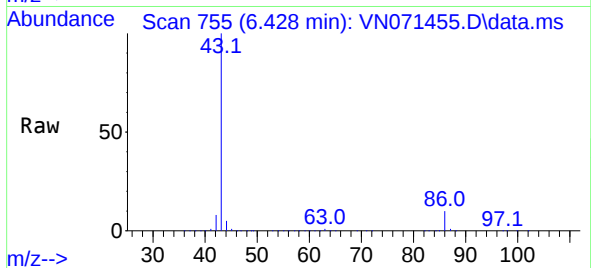
Tgt Ion: 45 Resp: 1289889
Ion Ratio Lower Upper
45 100
43 55.6 51.7 77.5
87 25.6 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 270.277 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071455.D
 Acq: 22 Mar 2022 06:57

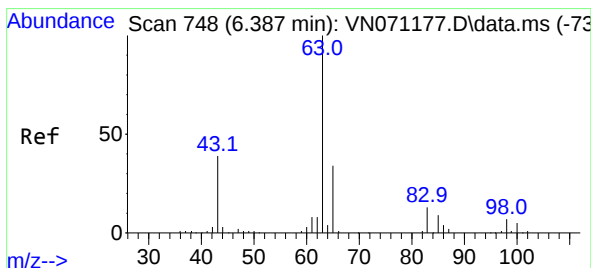
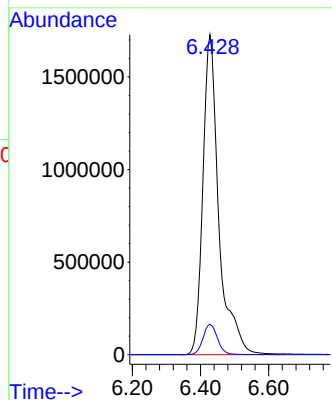
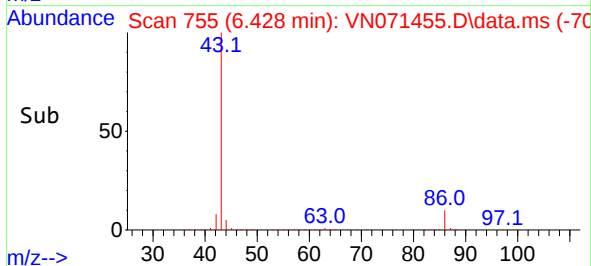
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



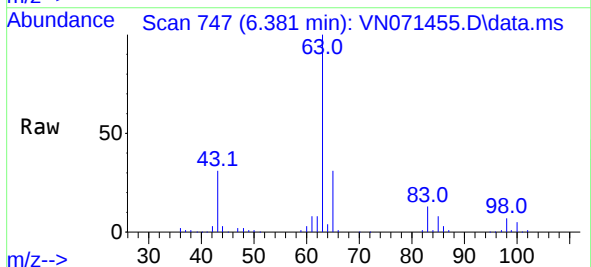
Tgt Ion: 43 Resp: 561536
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7

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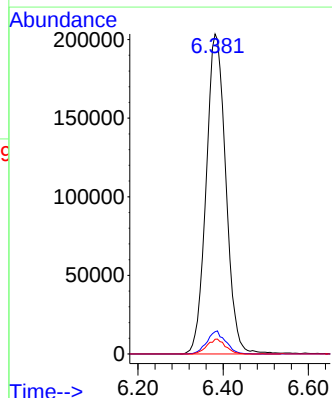
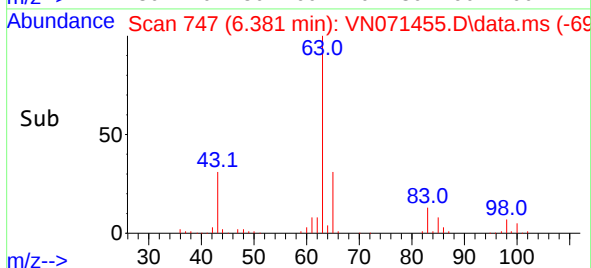
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

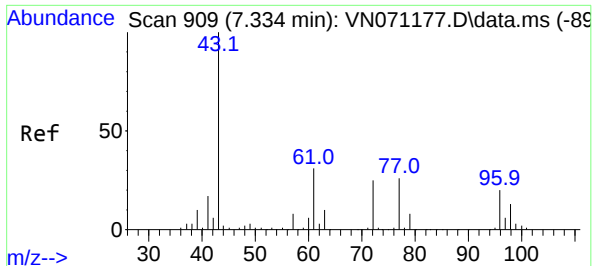


#24
 1,1-Dichloroethane
 Concen: 50.420 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071455.D
 Acq: 22 Mar 2022 06:57



Tgt Ion: 63 Resp: 653848
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 276.263 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071455.D

Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 169543

Ion Ratio Lower Upper

43 100

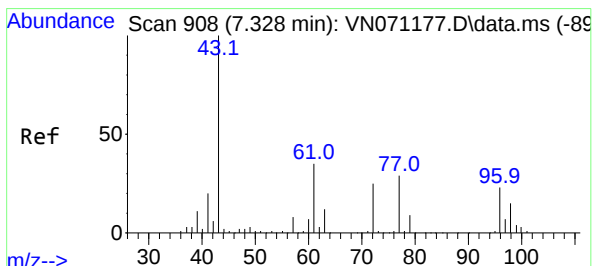
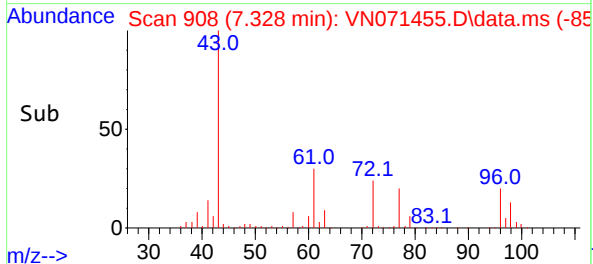
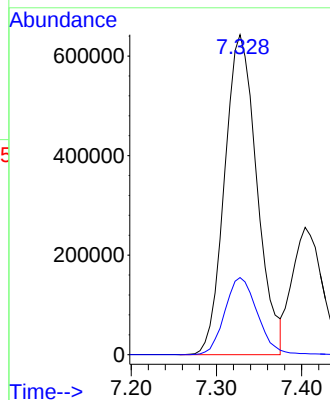
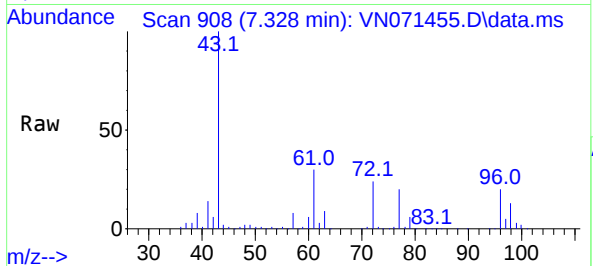
72 24.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#26

2,2-Dichloropropane

Concen: 38.769 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071455.D

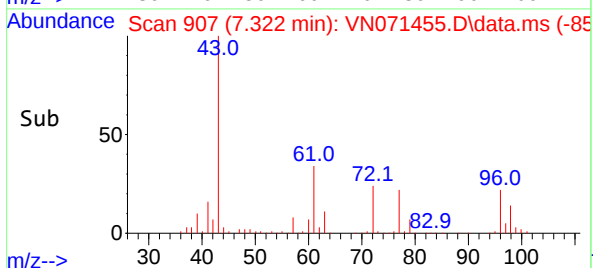
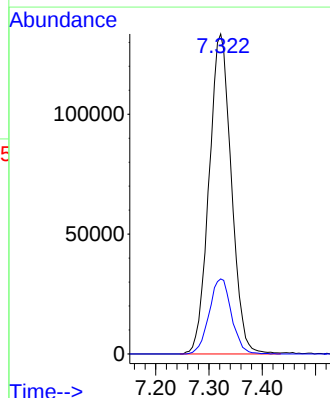
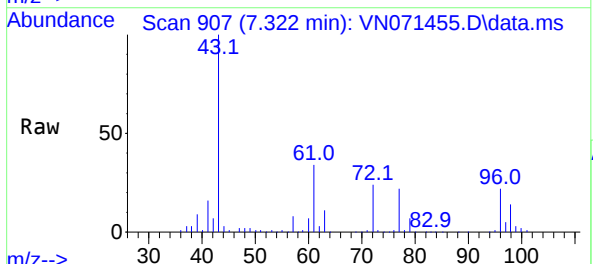
Acq: 22 Mar 2022 06:57

Tgt Ion: 77 Resp: 387870

Ion Ratio Lower Upper

77 100

97 23.5 11.6 34.8





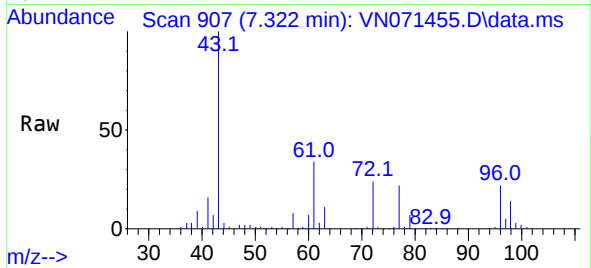
#27
cis-1,2-Dichloroethene
Concen: 50.277 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

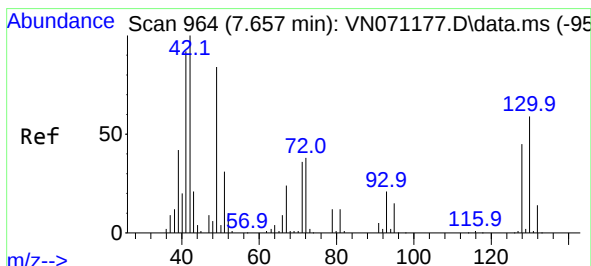
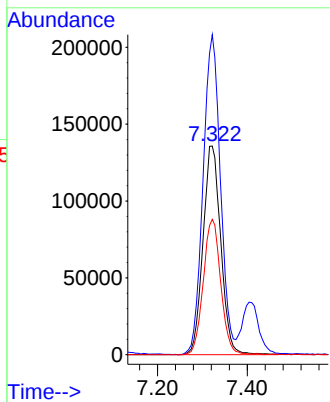
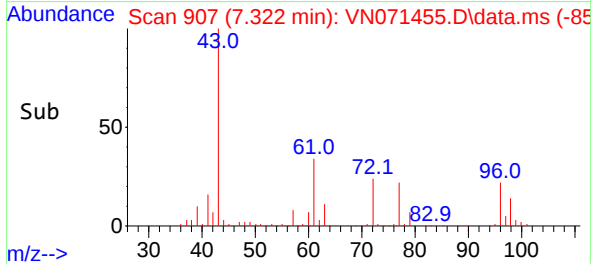


Tgt Ion: 96 Resp: 373820
Ion Ratio Lower Upper
96 100
61 150.0 0.0 275.0
98 63.5 0.0 129.6

Manual Integrations

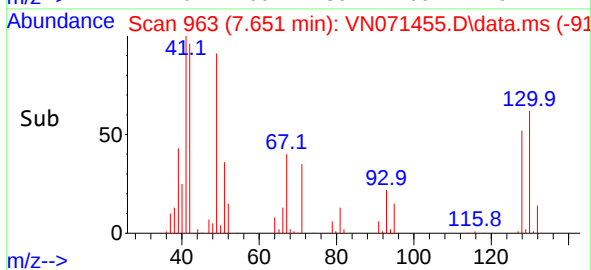
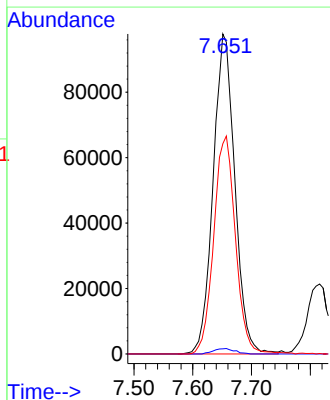
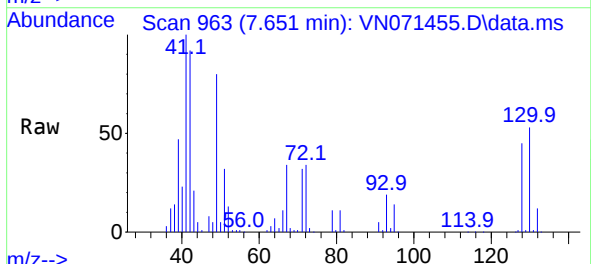
APPROVED

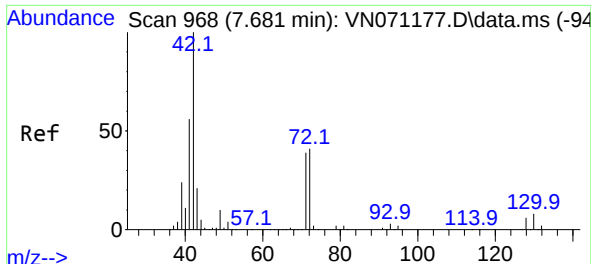
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#28
Bromochloromethane
Concen: 43.422 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

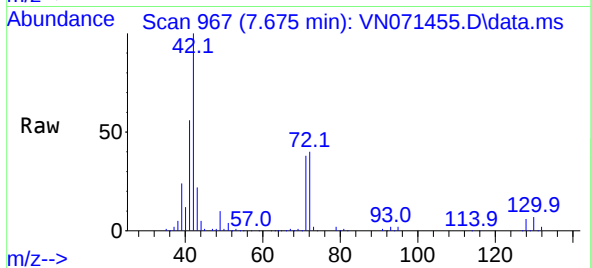
Tgt Ion: 49 Resp: 250759
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 68.2 67.8 101.8





#29
Tetrahydrofuran
Concen: 267.305 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

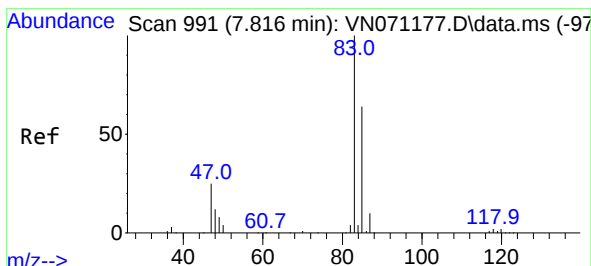
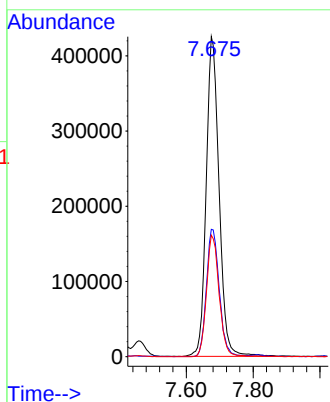
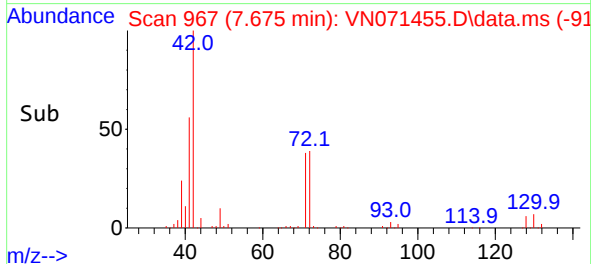
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



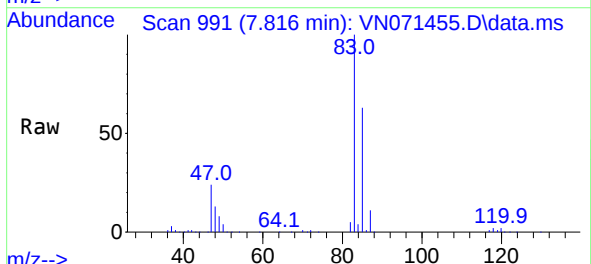
Tgt Ion: 42 Resp: 113647
Ion Ratio Lower Upper
42 100
72 39.8 36.3 54.5
71 37.2 34.7 52.1

Manual Integrations
APPROVED

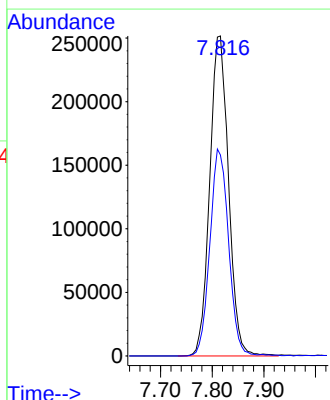
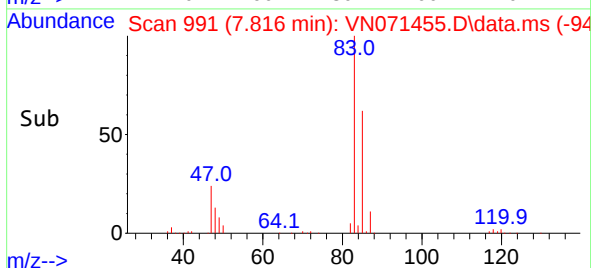
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

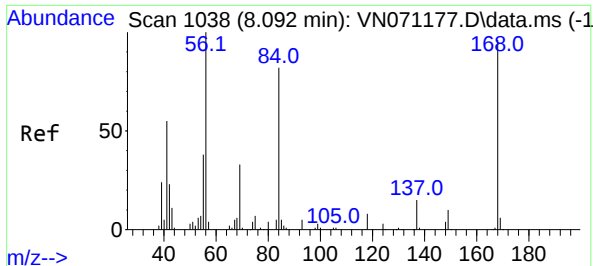


#30
Chloroform
Concen: 51.390 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



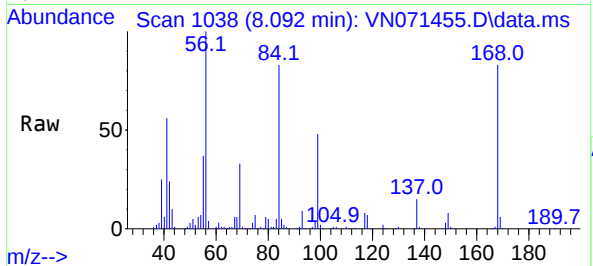
Tgt Ion: 83 Resp: 635621
Ion Ratio Lower Upper
83 100
85 62.8 51.9 77.9





#31
Cyclohexane
Concen: 45.374 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

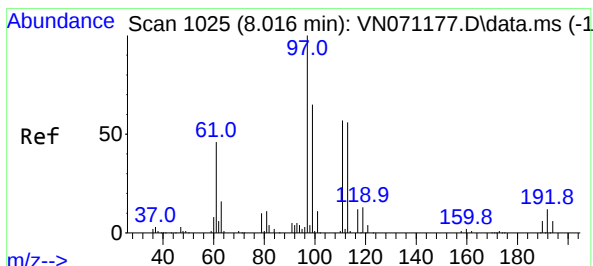
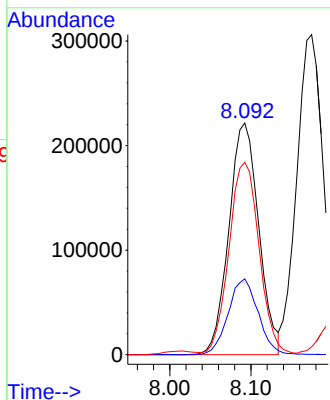
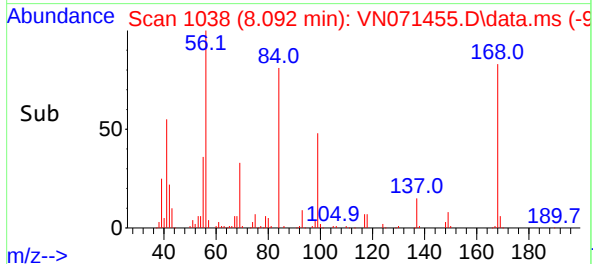
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



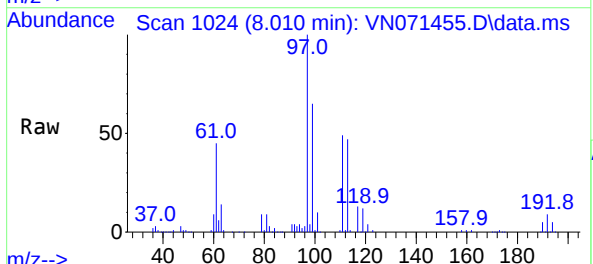
Tgt Ion: 56 Resp: 567336
Ion Ratio Lower Upper
56 100
69 32.7 27.1 40.7
84 81.5 73.4 110.0

Manual Integrations
APPROVED

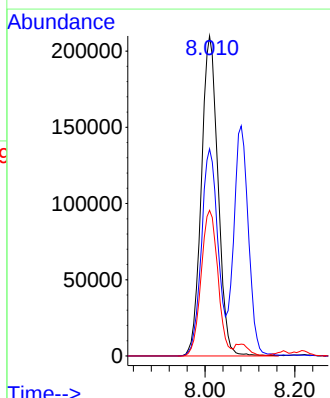
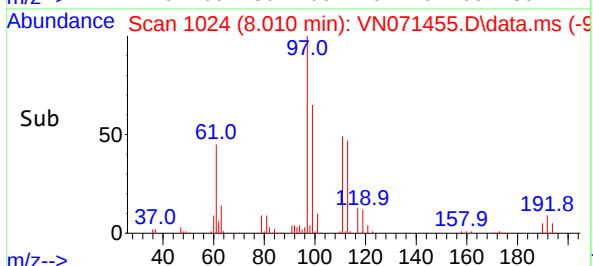
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

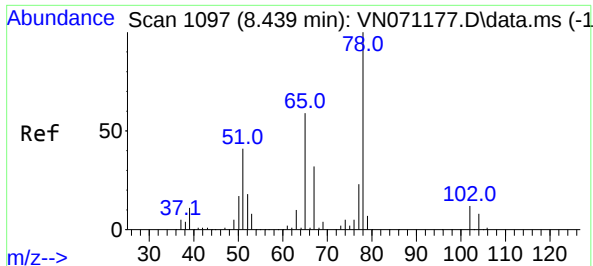


#32
1,1,1-Trichloroethane
Concen: 51.123 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion: 97 Resp: 538615
Ion Ratio Lower Upper
97 100
99 64.1 50.1 75.1
61 46.2 35.2 52.8





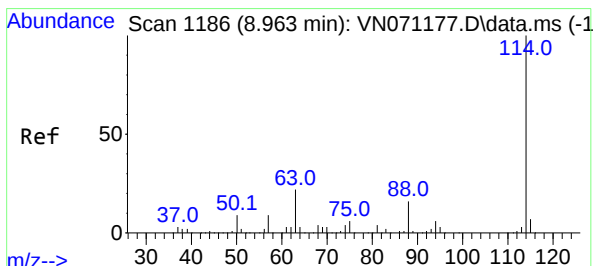
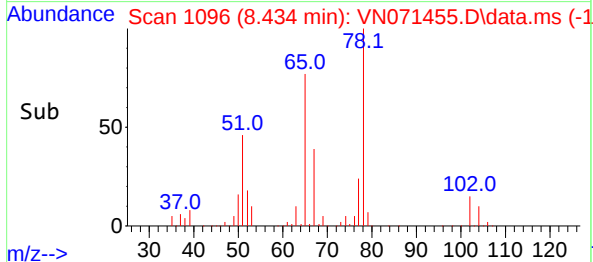
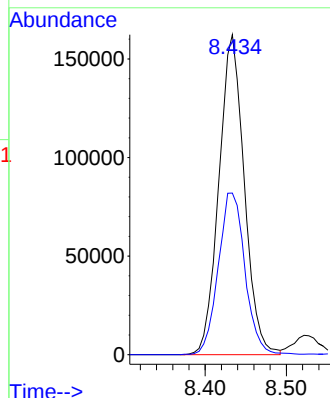
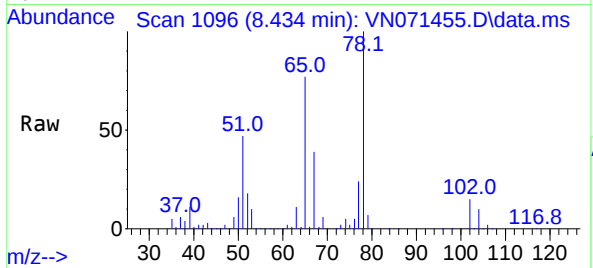
#33
1,2-Dichloroethane-d4
Concen: 45.024 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 35252
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

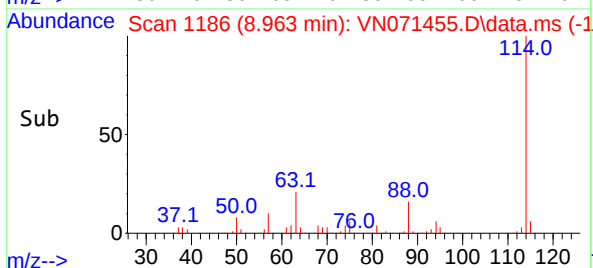
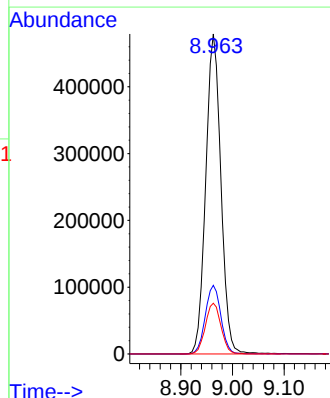
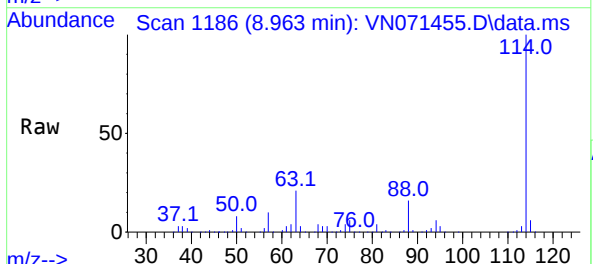
Manual Integrations
APPROVED

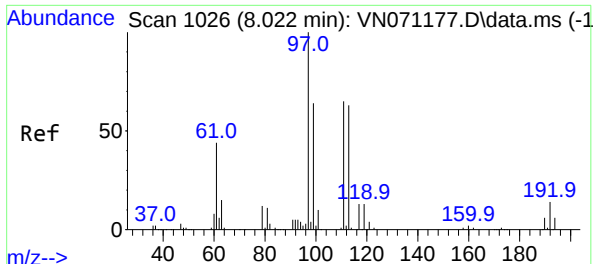
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

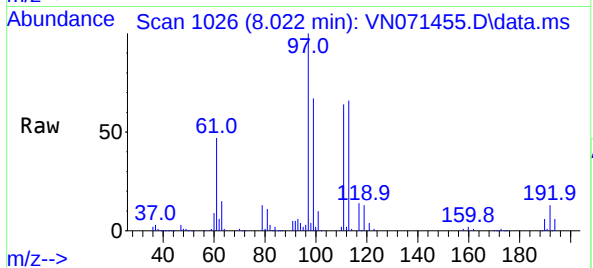
Tgt Ion:114 Resp: 975589
Ion Ratio Lower Upper
114 100
63 21.4 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 43.682 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

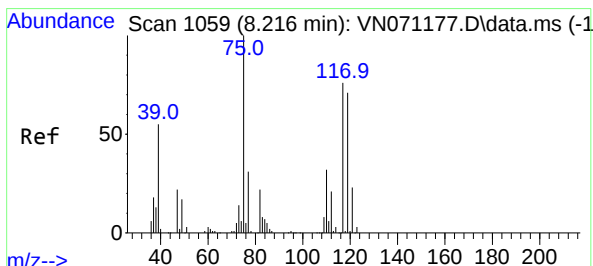
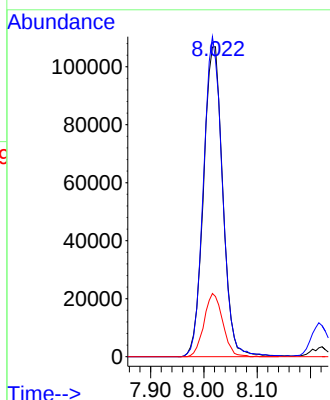
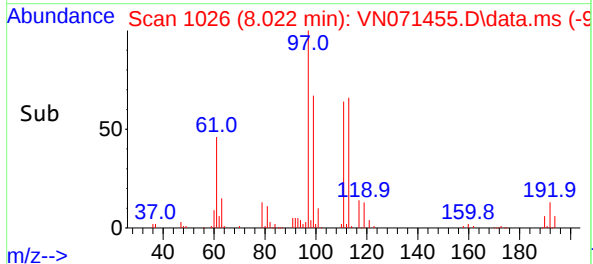
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



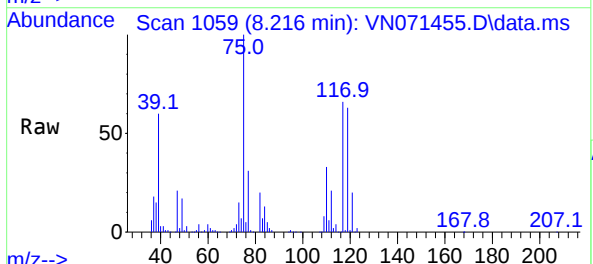
Tgt Ion: 113 Resp: 268919
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.2
192 19.7 16.9 25.3

Manual Integrations
APPROVED

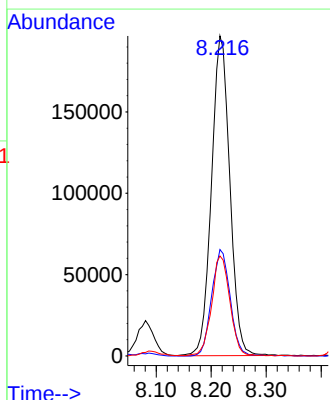
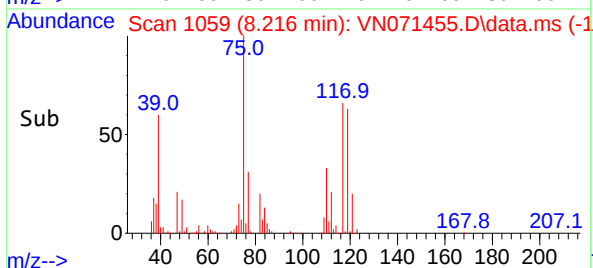
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

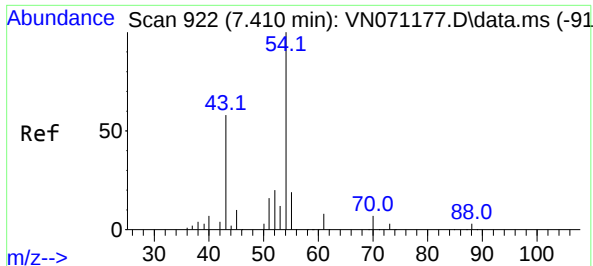


#36
1,1-Dichloropropene
Concen: 46.298 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion: 75 Resp: 456669
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 48.219 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071455.D

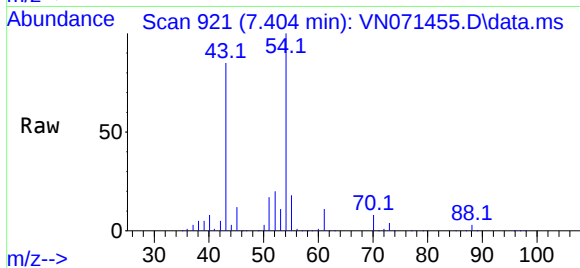
Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 65456

Ion Ratio Lower Upper

43 100

61 13.4 11.5 17.3

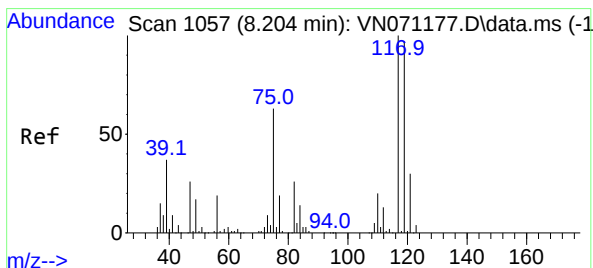
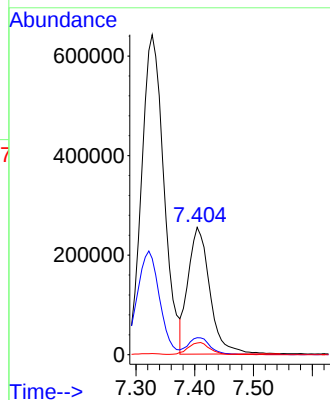
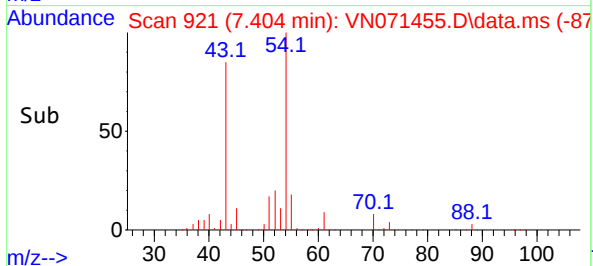
70 9.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#38

Carbon Tetrachloride

Concen: 47.267 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN071455.D

Acq: 22 Mar 2022 06:57

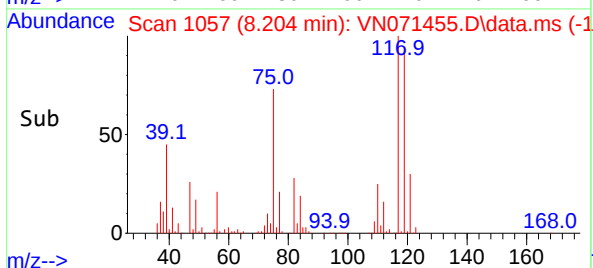
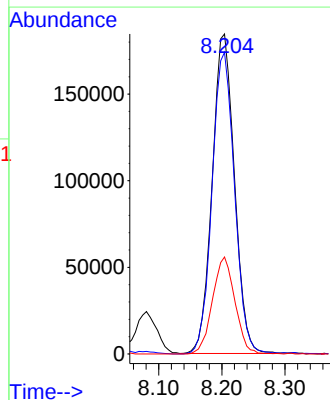
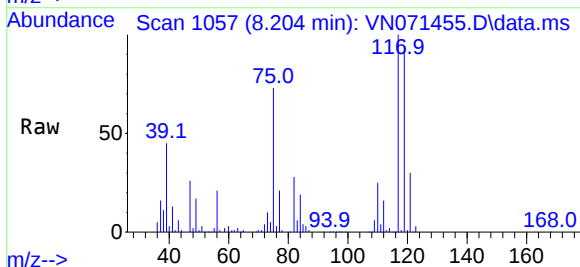
Tgt Ion:117 Resp: 450965

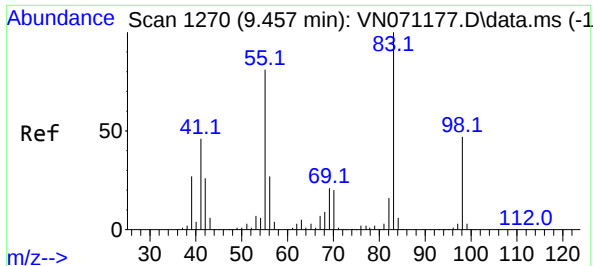
Ion Ratio Lower Upper

117 100

119 94.4 76.1 114.1

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 45.277 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071455.D

Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 52538

Ion Ratio Lower Upper

83 100

55 80.1 58.1 87.1

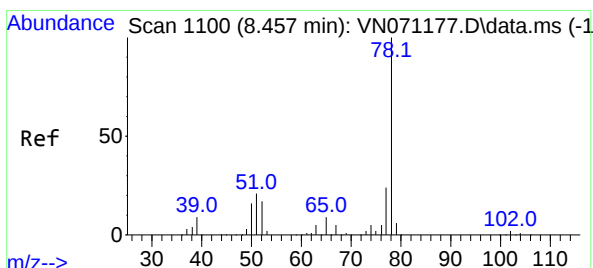
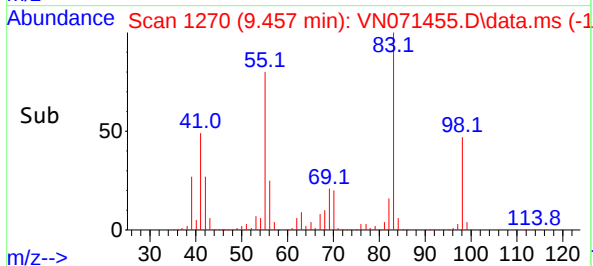
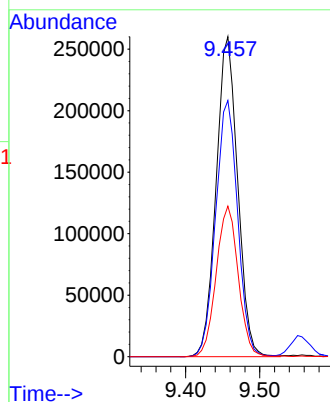
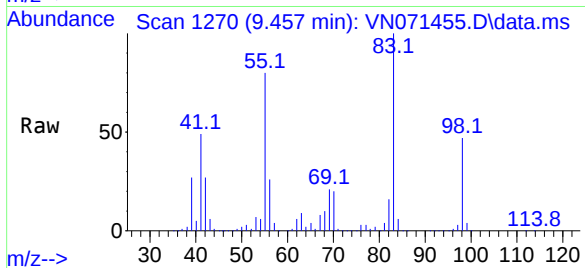
98 47.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 47.735 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071455.D

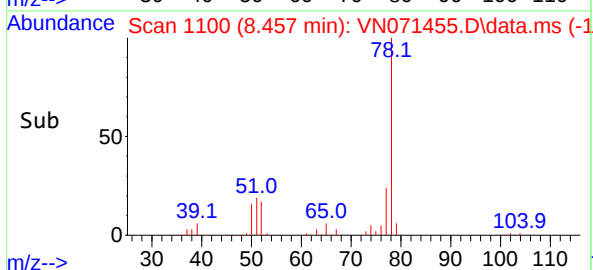
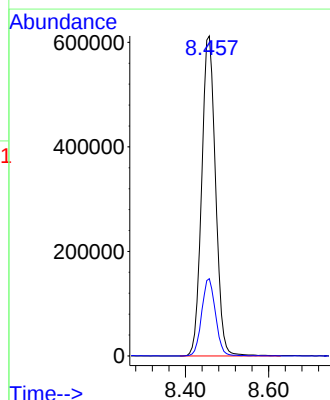
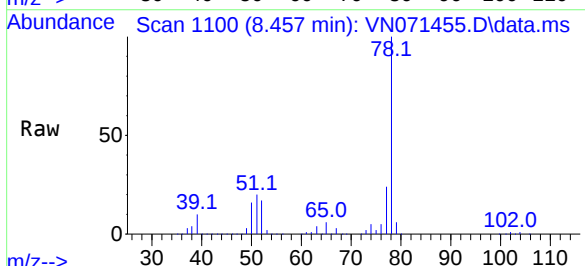
Acq: 22 Mar 2022 06:57

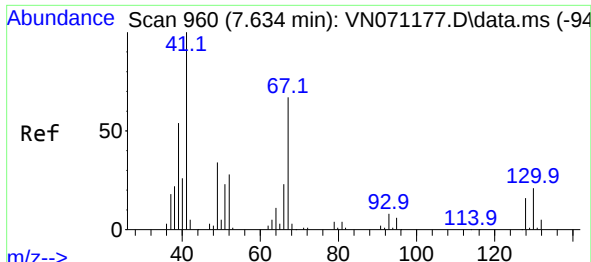
Tgt Ion: 78 Resp: 1418613

Ion Ratio Lower Upper

78 100

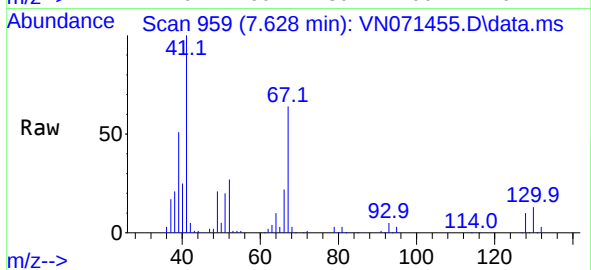
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 49.296 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

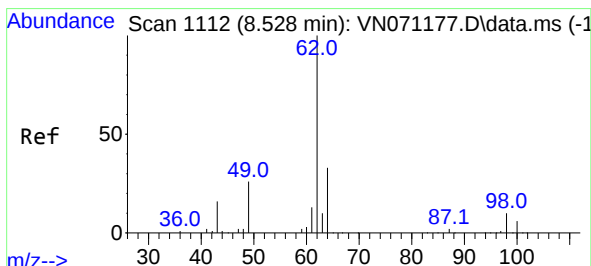
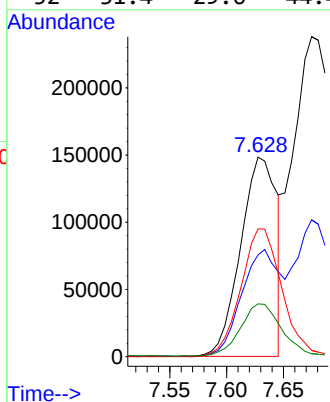
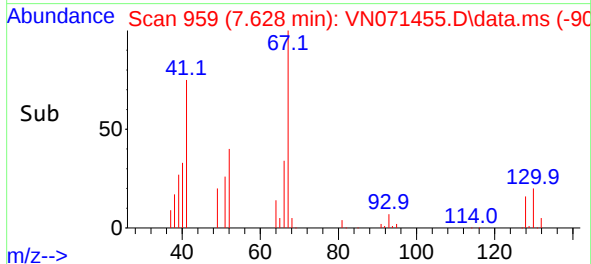
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 32749
Ion Ratio Lower Upper
41 100
39 59.0 48.1 72.1
67 73.3 68.3 102.5
52 31.4 29.6 44.4

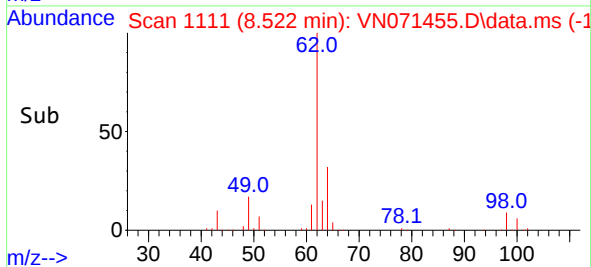
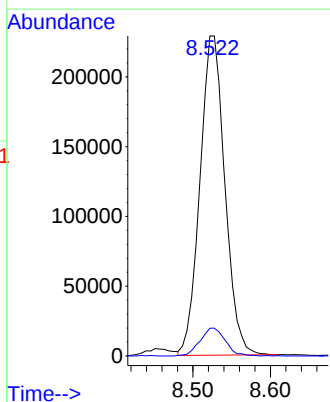
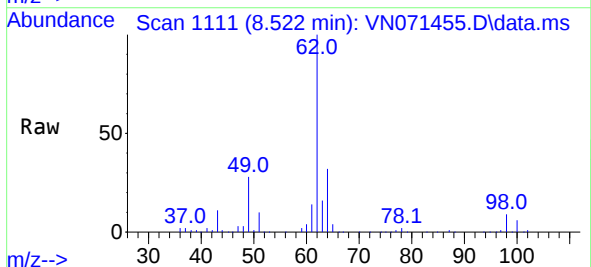
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 49.487 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Tgt Ion: 62 Resp: 511783
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





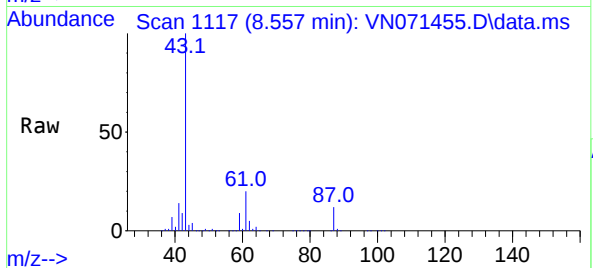
#43
Isopropyl Acetate
Concen: 50.433 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



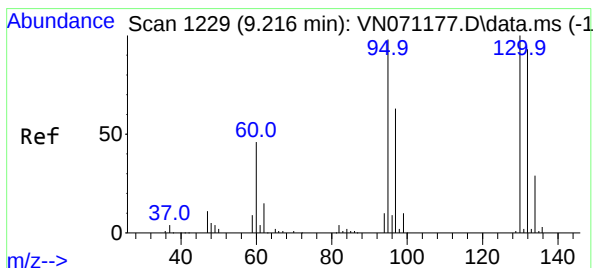
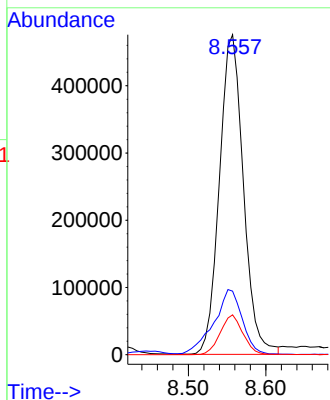
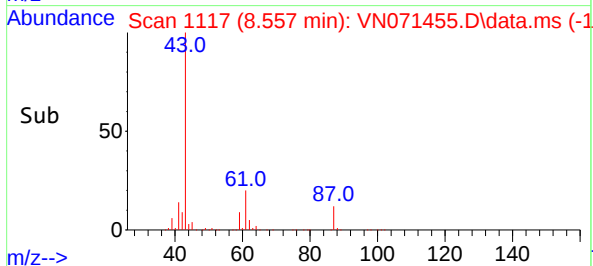
Tgt Ion: 43 Resp: 102379
Ion Ratio Lower Upper
43 100
61 24.3 20.4 30.6
87 11.8 11.2 16.8

Manual Integrations

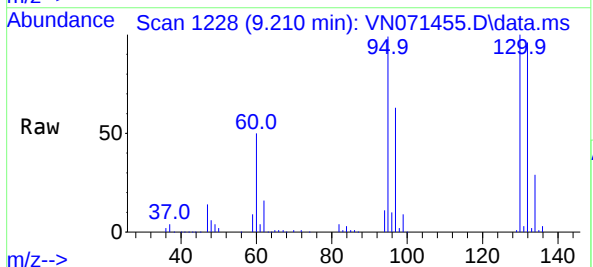
APPROVED

Reviewed By :John Carlone 03/22/2022

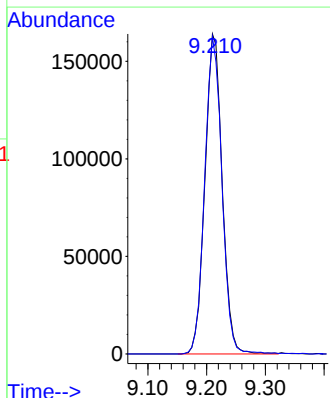
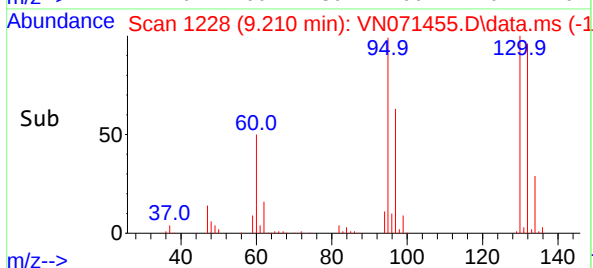
Supervised By :Mahesh Dadoda 03/22/2022

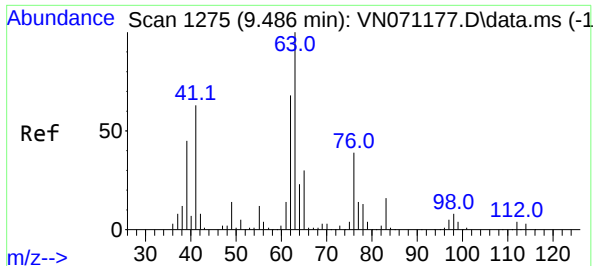


#44
Trichloroethene
Concen: 47.714 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion:130 Resp: 334577
Ion Ratio Lower Upper
130 100
95 99.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.483 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071455.D

Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 394760

Ion Ratio Lower Upper

63 100

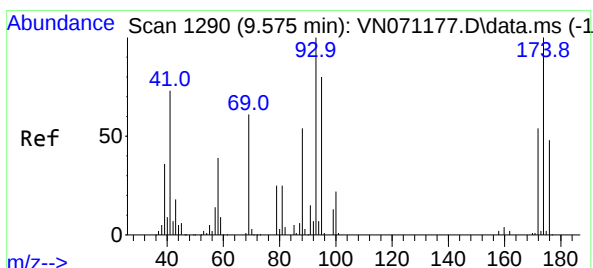
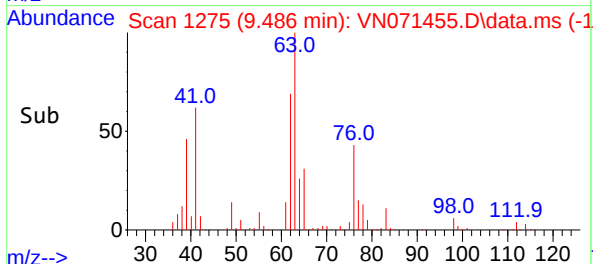
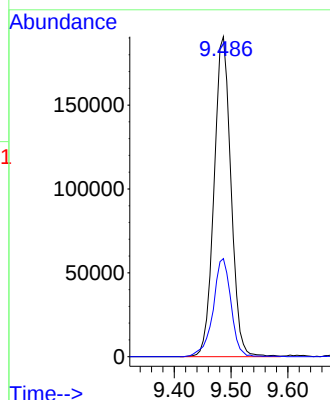
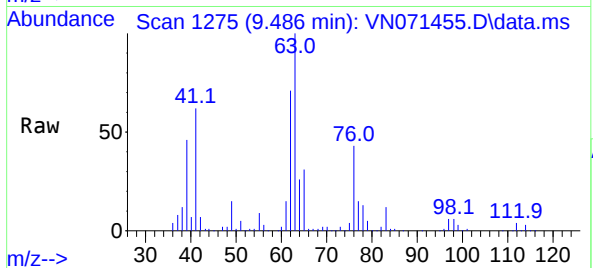
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#46

Dibromomethane

Concen: 48.827 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071455.D

Acq: 22 Mar 2022 06:57

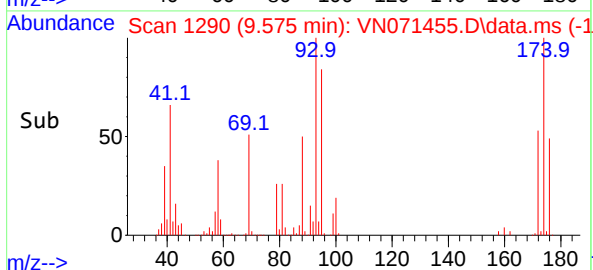
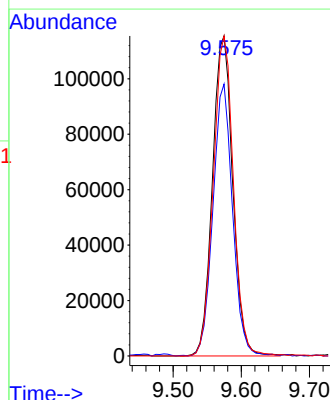
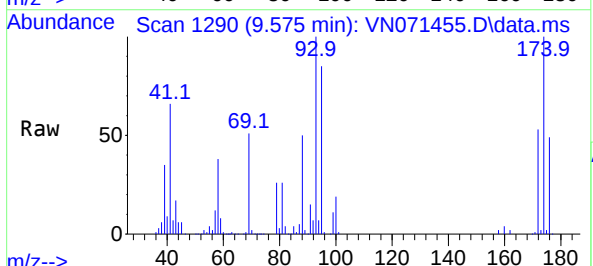
Tgt Ion: 93 Resp: 239754

Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

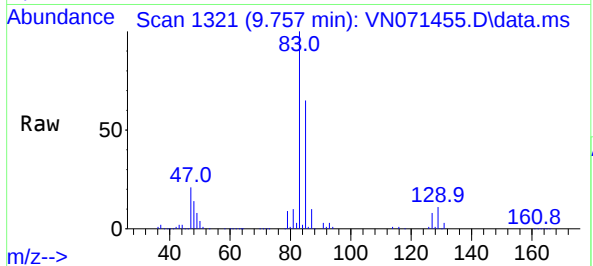
174 99.2 84.6 127.0





#47
Bromodichloromethane
Concen: 49.914 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

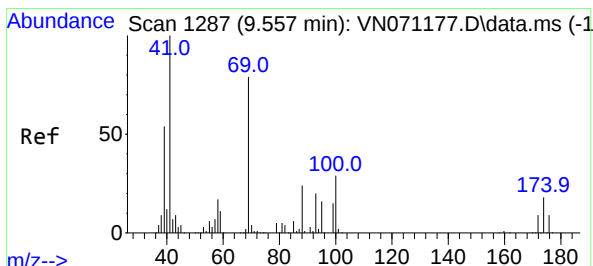
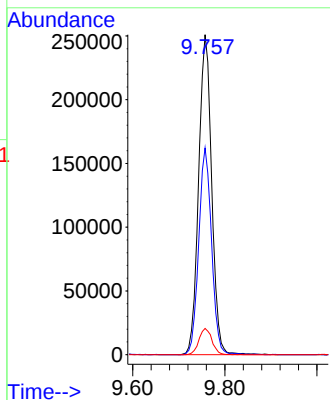
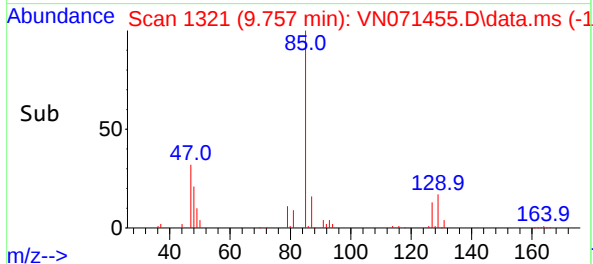
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



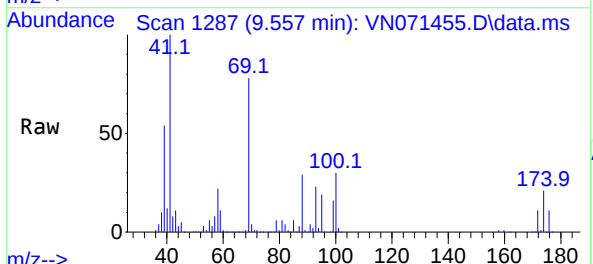
Tgt Ion: 83 Resp: 495308
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3
127 8.2 7.1 10.7

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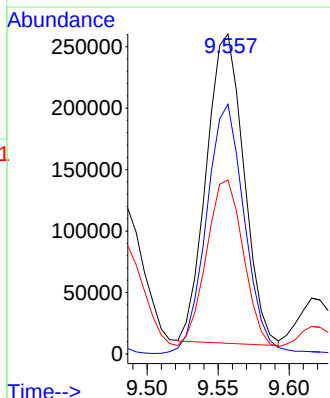
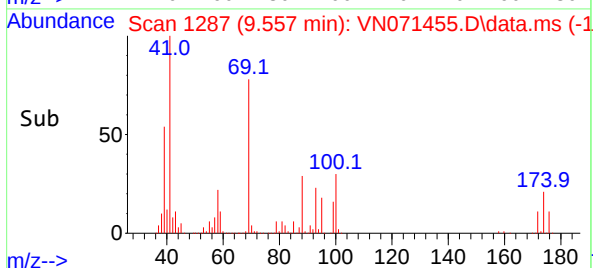
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

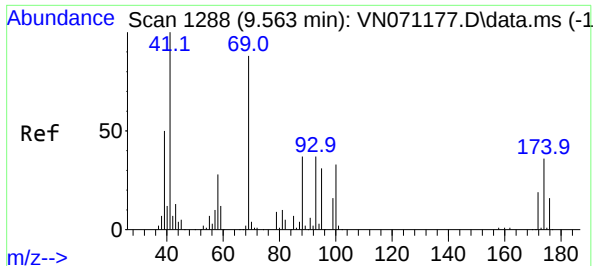


#48
Methyl methacrylate
Concen: 48.915 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



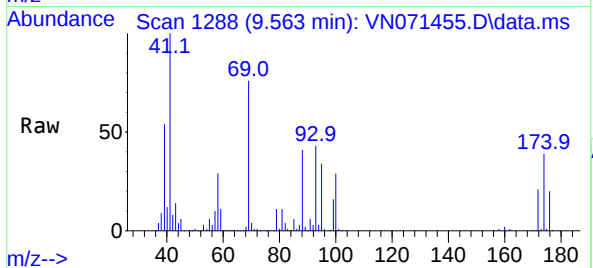
Tgt Ion: 41 Resp: 460167
Ion Ratio Lower Upper
41 100
69 82.7 72.4 108.6
39 58.1 58.4 87.6#





#49
1,4-Dioxane
Concen: 1088.374 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

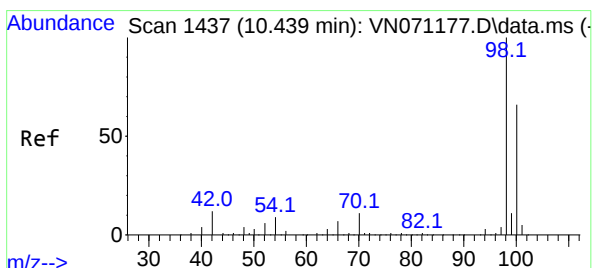
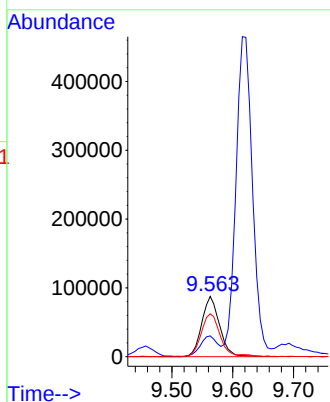
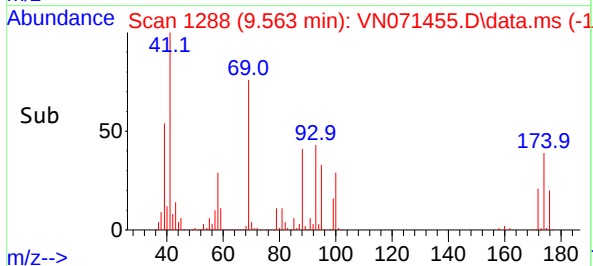
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



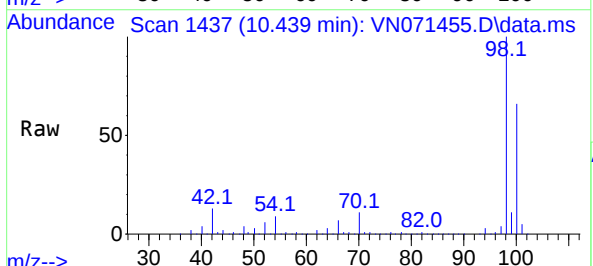
Tgt Ion: 88 Resp: 177971
Ion Ratio Lower Upper
88 100
43 32.6 23.4 35.2
58 76.5 50.6 75.8

Manual Integrations
APPROVED

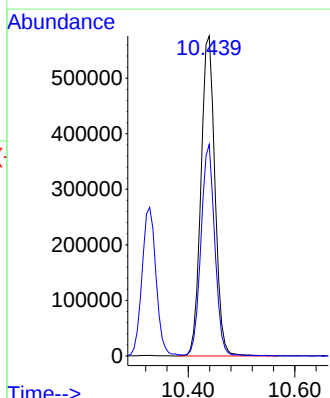
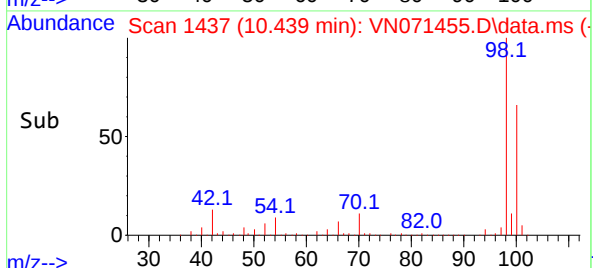
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

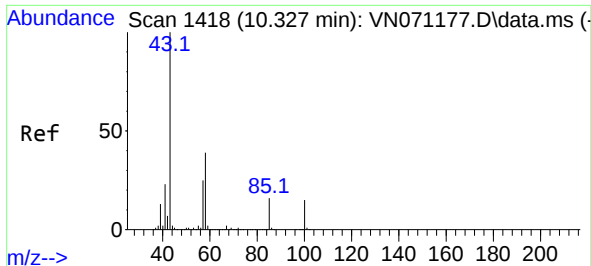


#50
Toluene-d8
Concen: 42.384 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion: 98 Resp: 1050571
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6





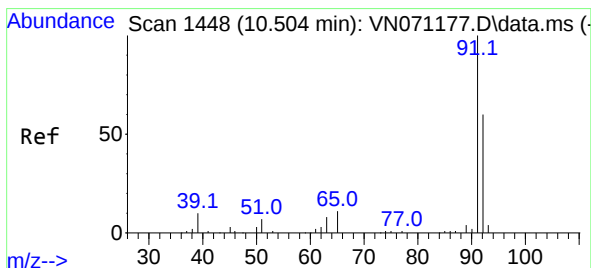
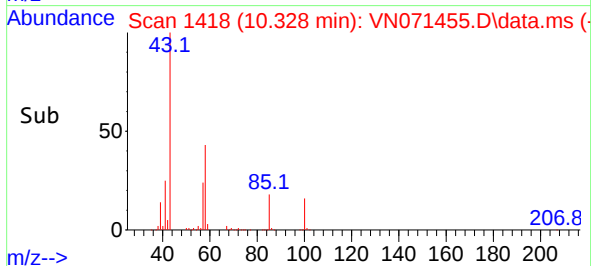
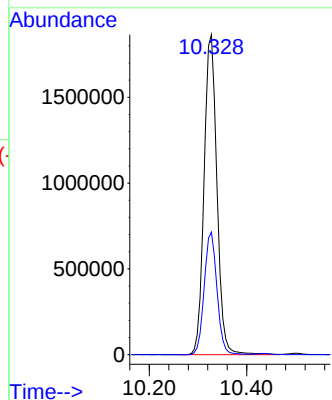
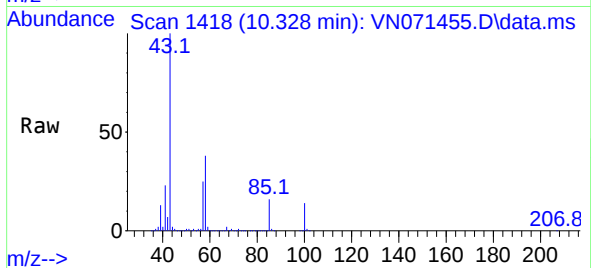
#51
4-Methyl-2-Pentanone
Concen: 270.910 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 341302
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

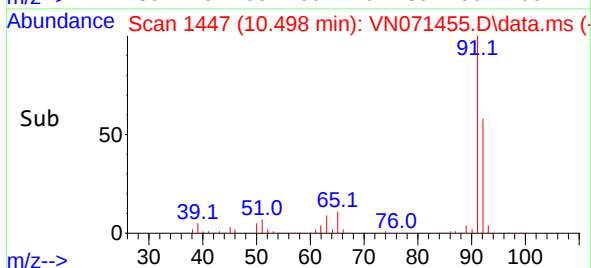
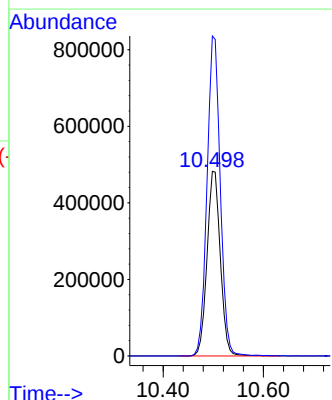
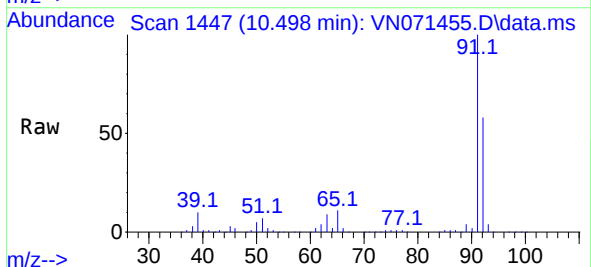
Manual Integrations
APPROVED

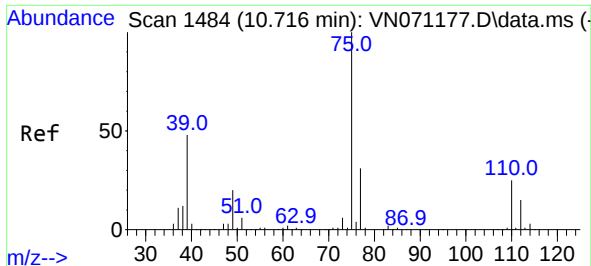
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 48.492 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

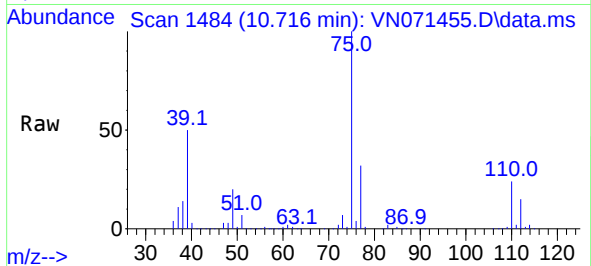
Tgt Ion: 92 Resp: 887418
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 48.508 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

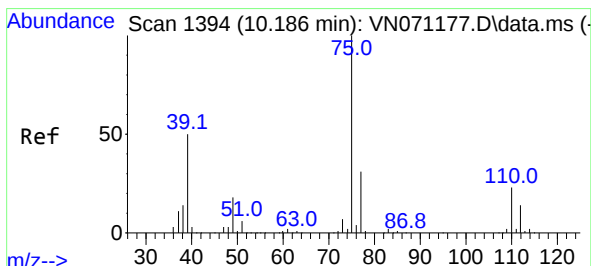
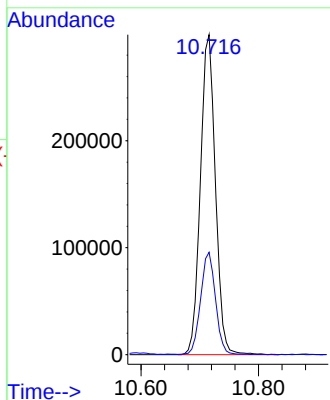
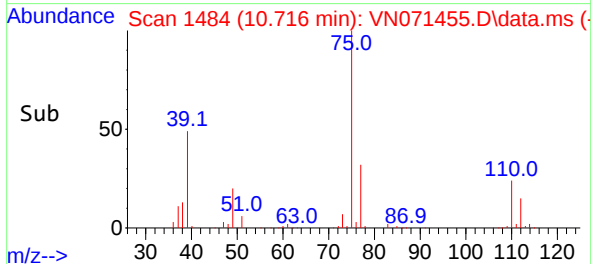
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 530609
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

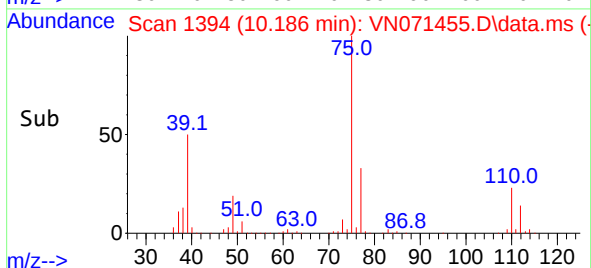
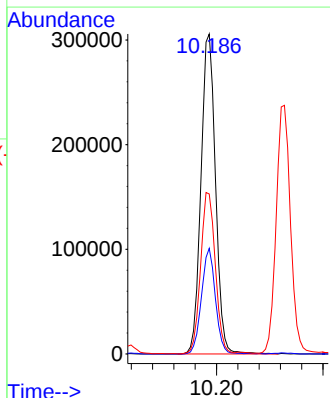
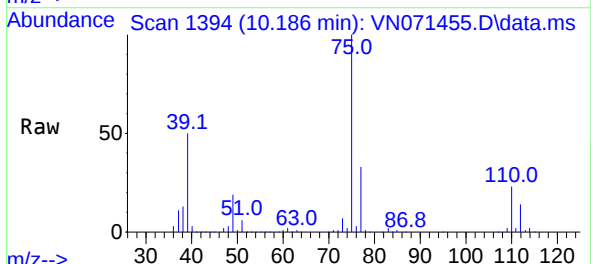
Manual Integrations
APPROVED

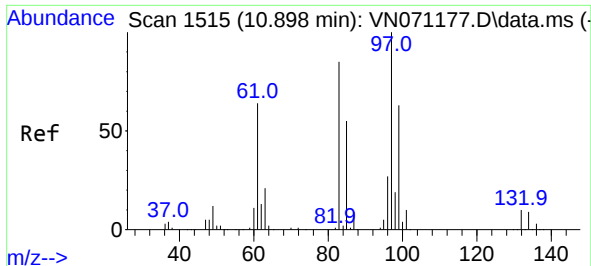
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#54
cis-1,3-Dichloropropene
Concen: 48.386 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

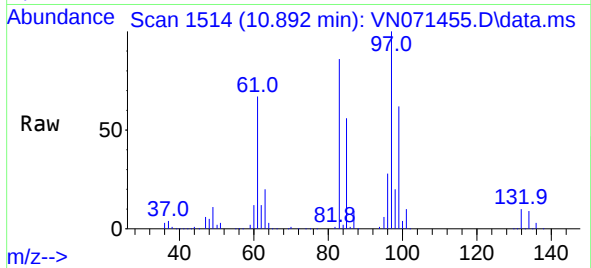
Tgt Ion: 75 Resp: 578310
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
39 50.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.092 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

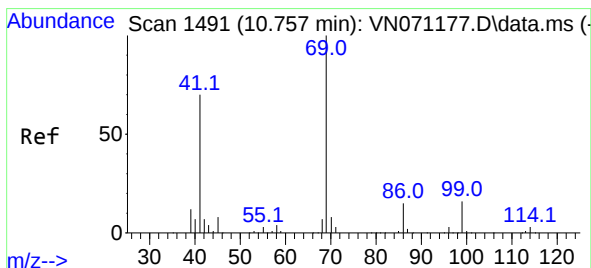
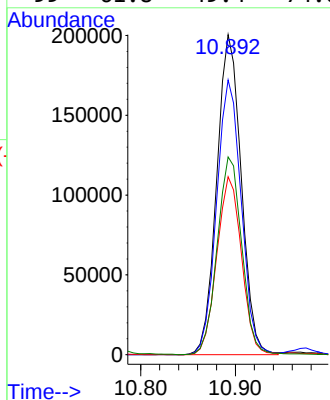
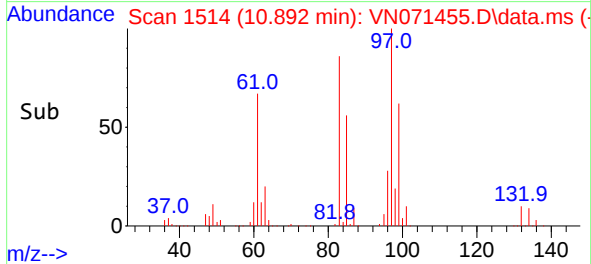


Tgt Ion: 97 Resp: 359994

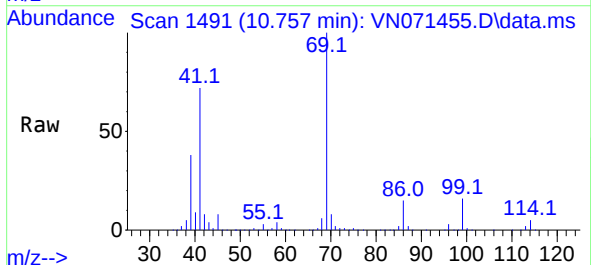
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.6
85	55.6	45.4	68.2
99	61.8	49.4	74.0

Manual Integrations
APPROVED

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

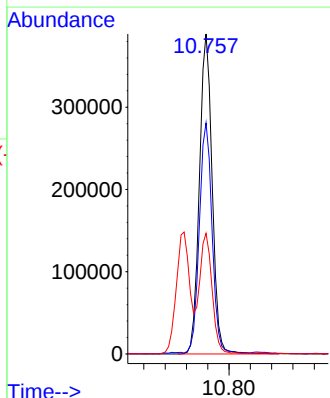
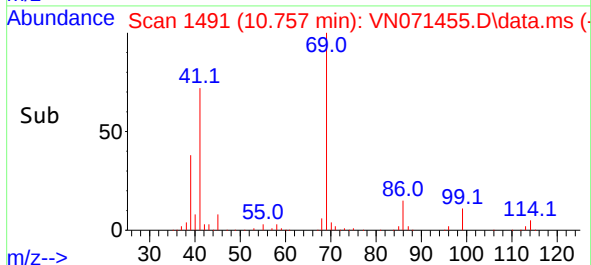


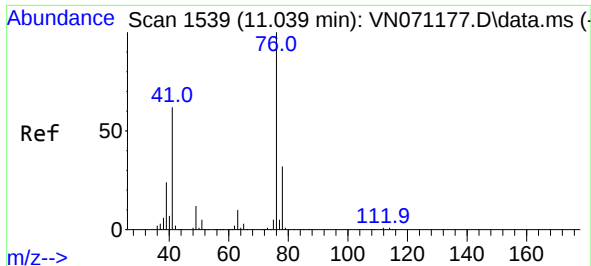
#56
Ethyl methacrylate
Concen: 53.772 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion: 69 Resp: 643941

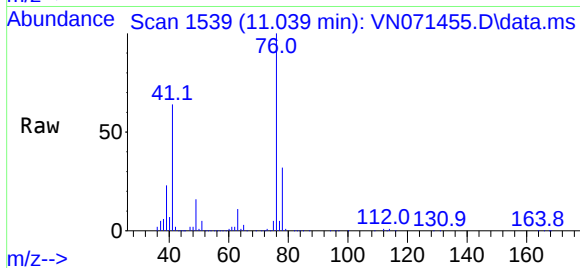
Ion	Ratio	Lower	Upper
69	100		
41	71.5	51.4	77.0
39	37.2	34.6	52.0





#57
1,3-Dichloropropane
Concen: 49.593 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

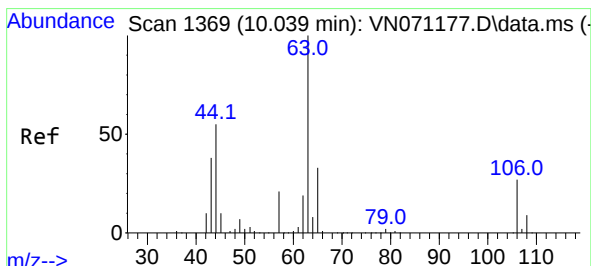
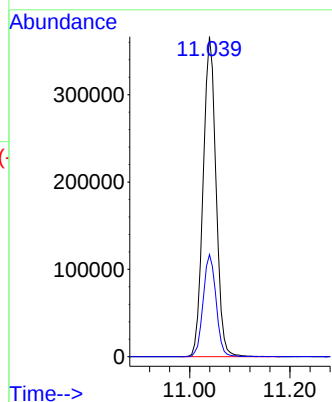
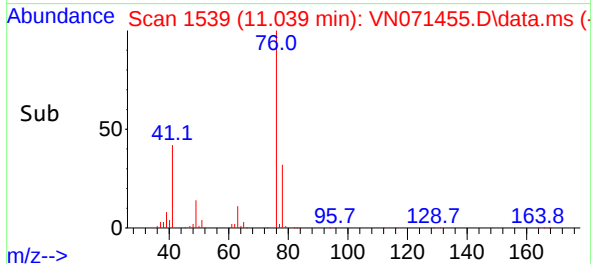
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



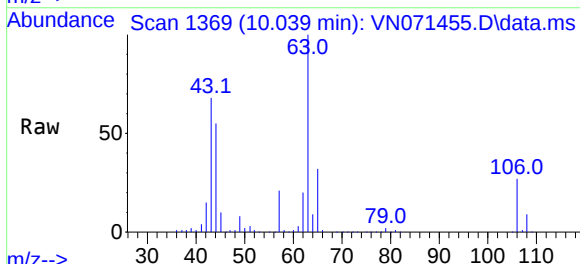
Tgt Ion: 76 Resp: 65276
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
APPROVED

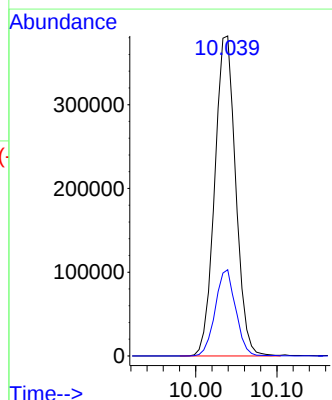
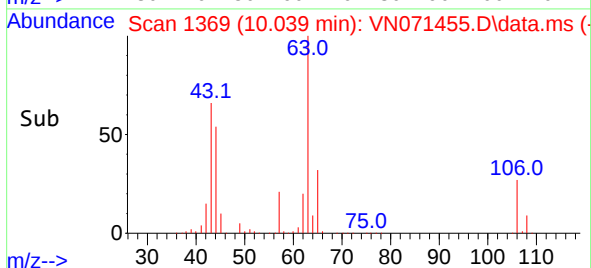
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

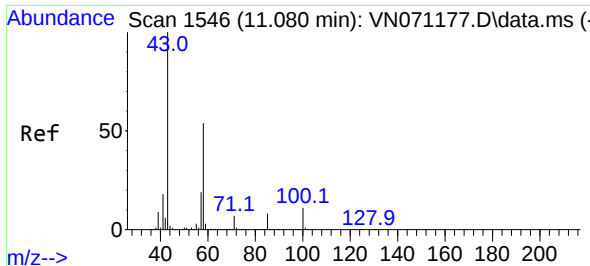


#58
2-Chloroethyl Vinyl ether
Concen: 270.254 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



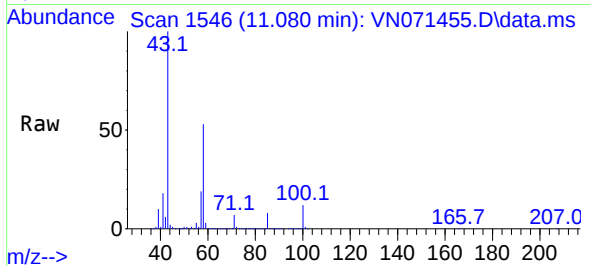
Tgt Ion: 63 Resp: 686344
Ion Ratio Lower Upper
63 100
106 26.3 23.9 35.9





#59
2-Hexanone
Concen: 291.434 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

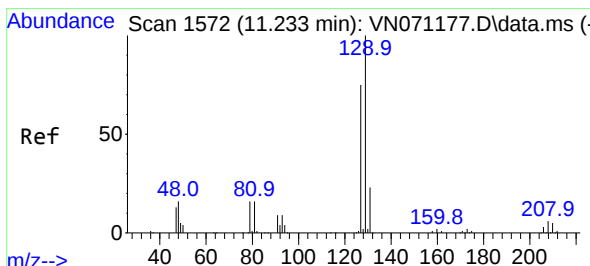
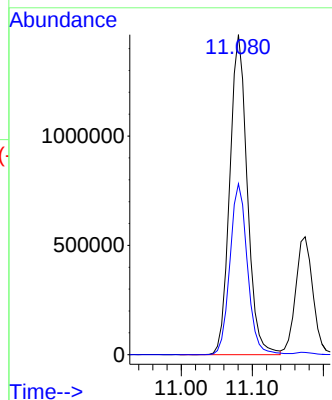
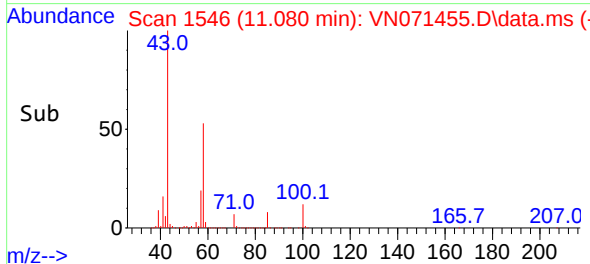
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 250515
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7

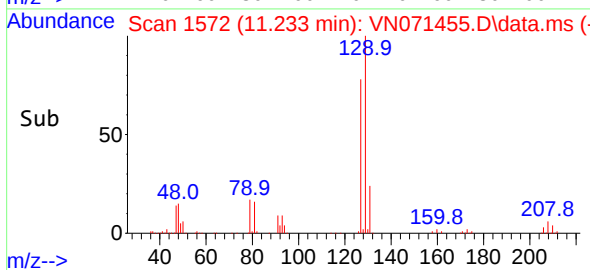
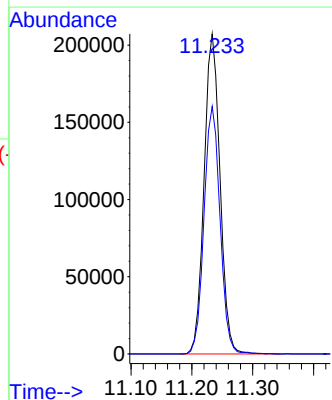
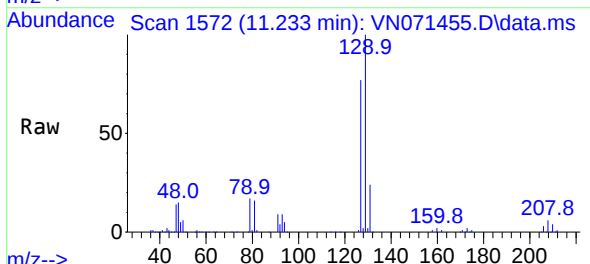
Manual Integrations
APPROVED

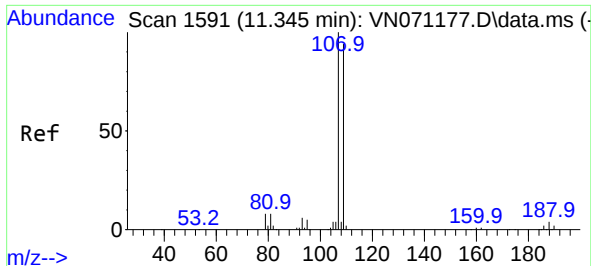
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#60
Dibromochloromethane
Concen: 51.590 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

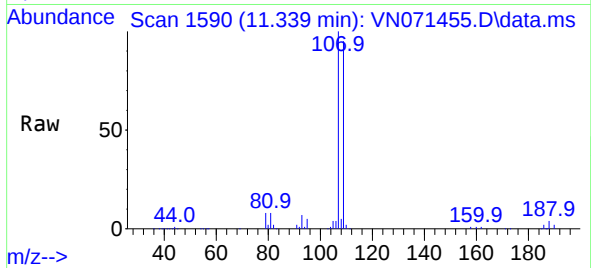
Tgt Ion:129 Resp: 375892
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.714 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

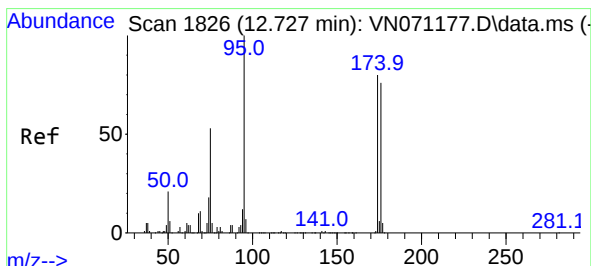
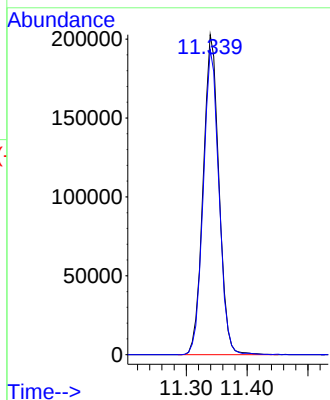
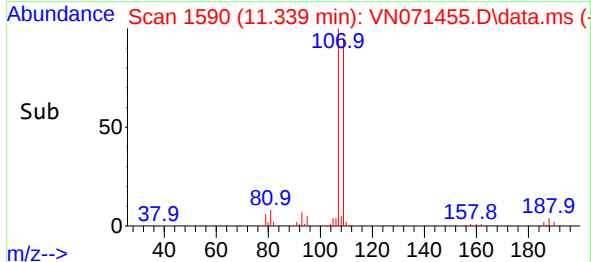
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



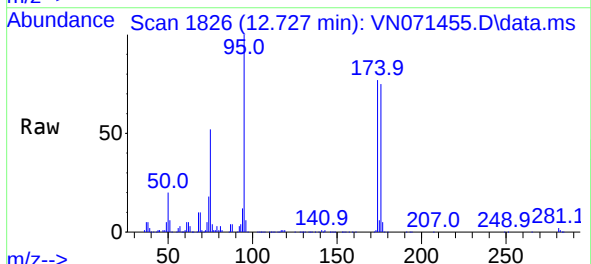
Tgt Ion:107 Resp: 365090
Ion Ratio Lower Upper
107 100
109 94.9 75.7 113.5

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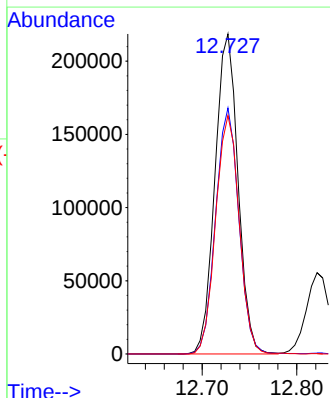
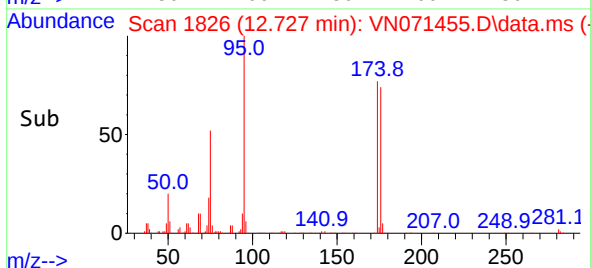
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

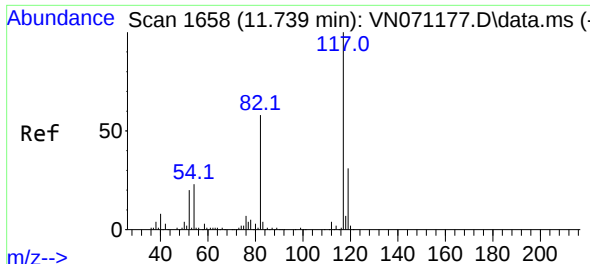


#62
4-Bromofluorobenzene
Concen: 44.060 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



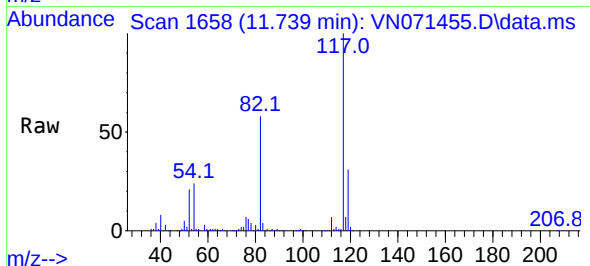
Tgt Ion: 95 Resp: 369823
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 76.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

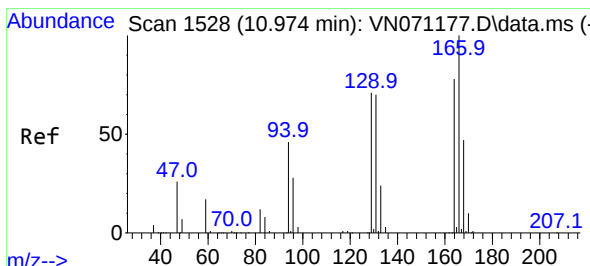
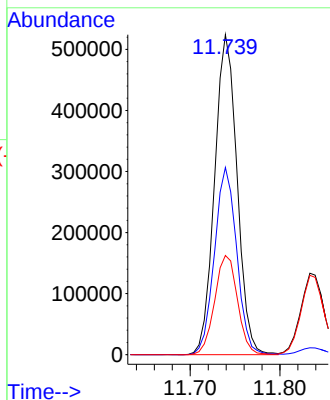
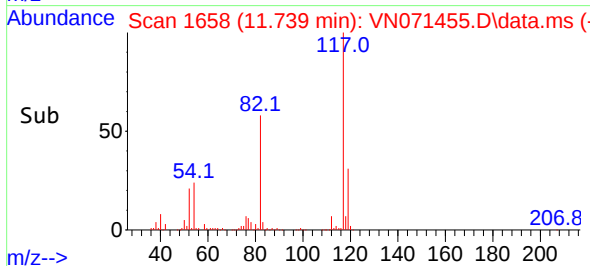
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



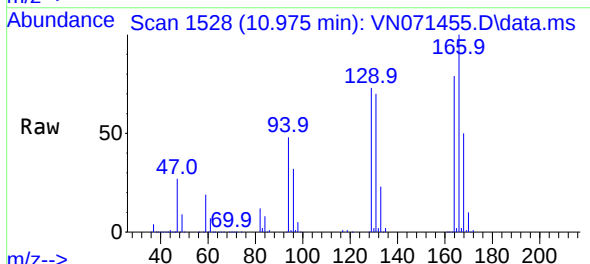
Tgt Ion:117 Resp: 911720
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.0 25.4 38.2

Manual Integrations
APPROVED

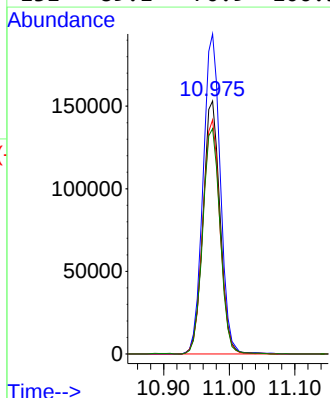
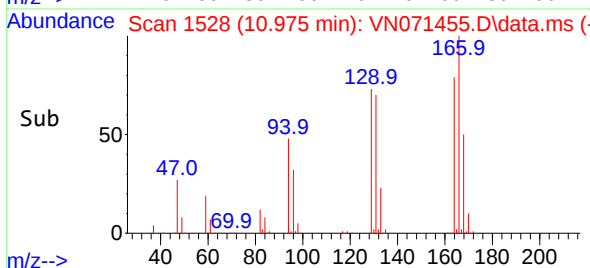
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#64
Tetrachloroethene
Concen: 43.498 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion:164 Resp: 276591
Ion Ratio Lower Upper
164 100
166 126.5 101.9 152.9
129 92.5 72.0 108.0
131 89.1 70.9 106.3





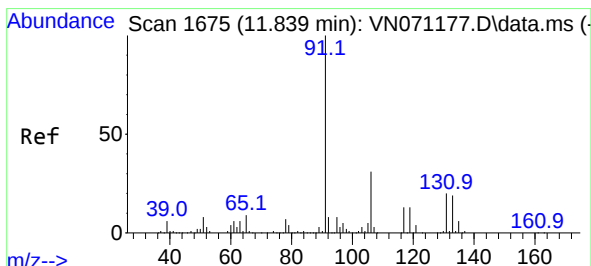
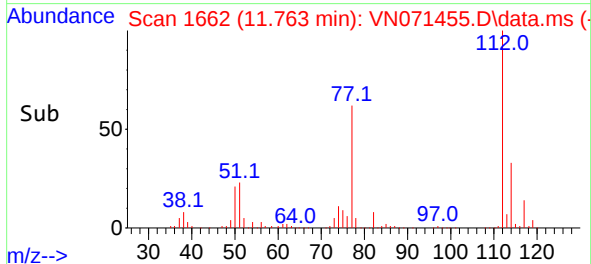
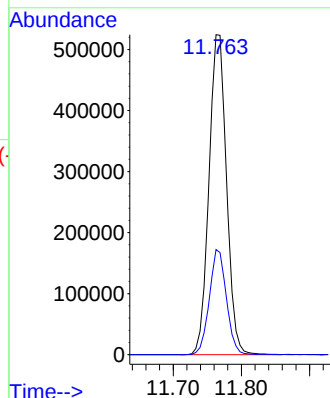
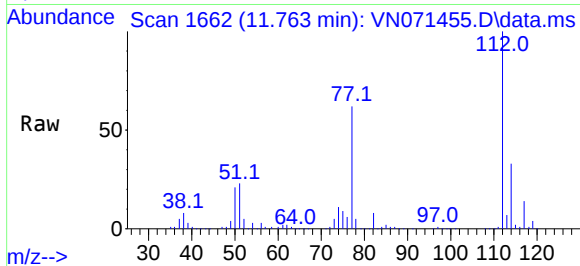
#65
Chlorobenzene
Concen: 48.012 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 94005
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0

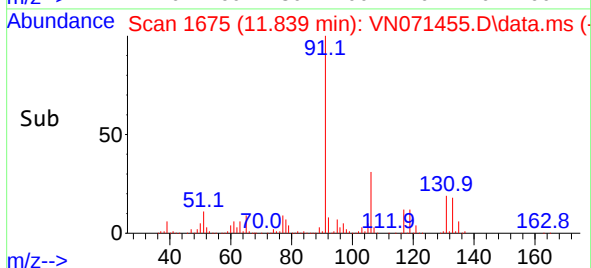
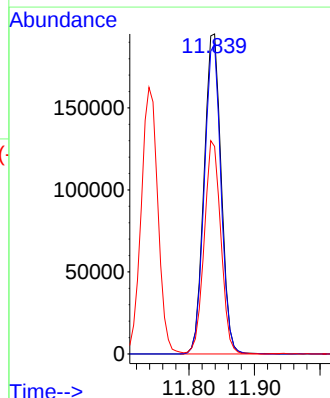
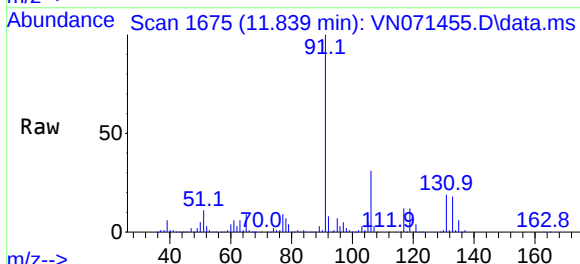
Manual Integrations
APPROVED

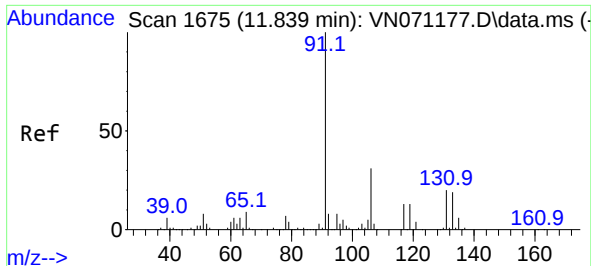
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.404 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Tgt Ion:131 Resp: 354688
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.8 32.1 96.5





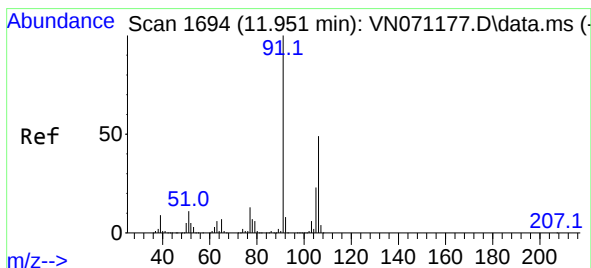
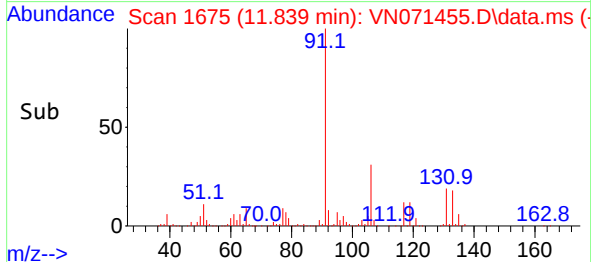
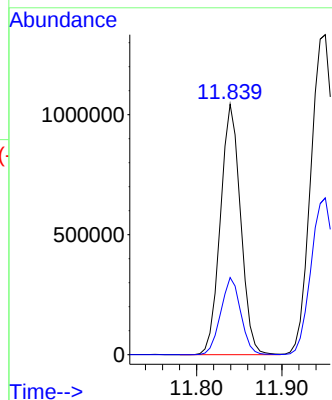
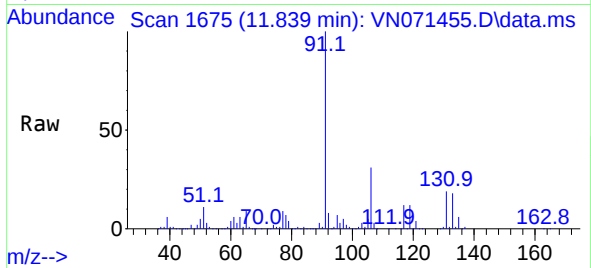
#67
Ethyl Benzene
Concen: 49.634 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 171831
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

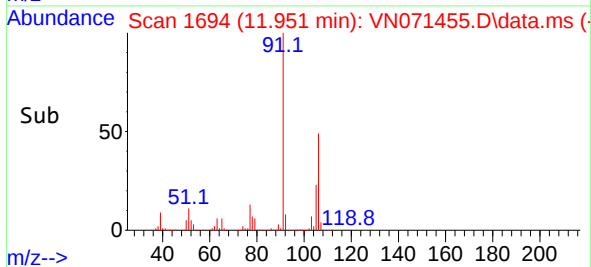
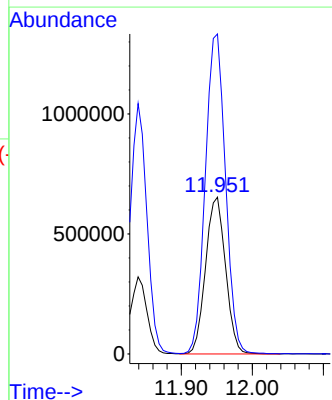
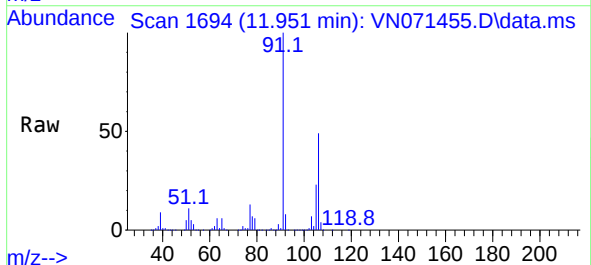
Manual Integrations
APPROVED

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



#68
m/p-Xylenes
Concen: 100.846 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

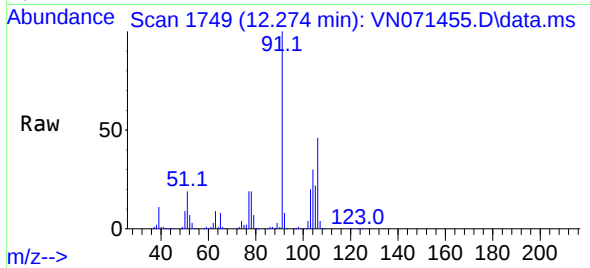
Tgt Ion:106 Resp: 1277185
Ion Ratio Lower Upper
106 100
91 205.6 160.6 240.8





#69
o-Xylene
Concen: 51.021 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

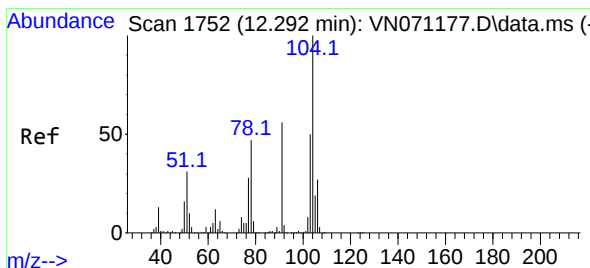
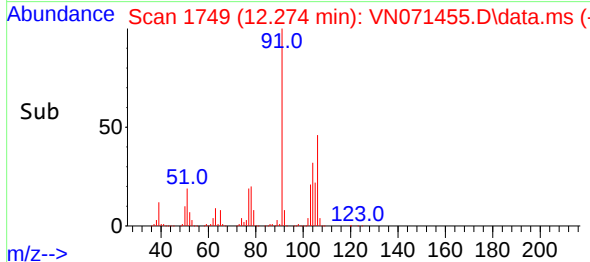
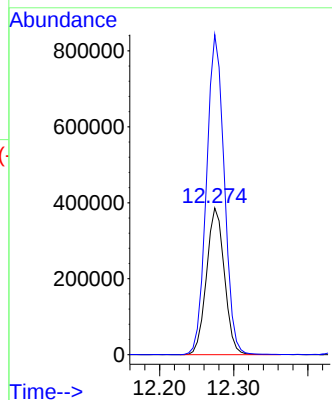
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 647712
Ion Ratio Lower Upper
106 100
91 216.5 105.8 317.3

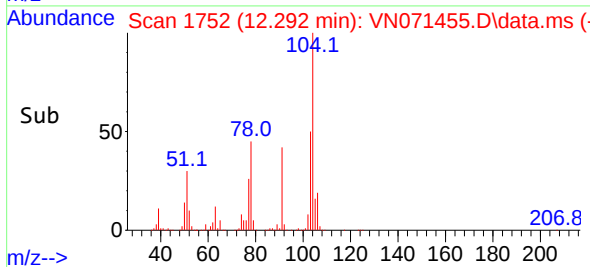
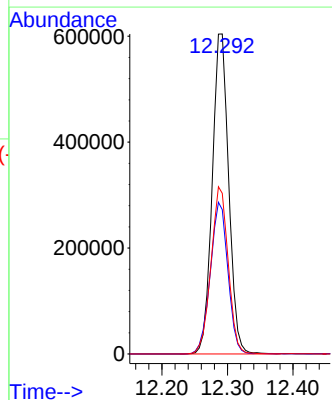
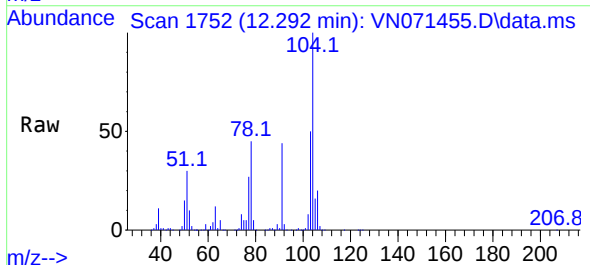
Manual Integrations
APPROVED

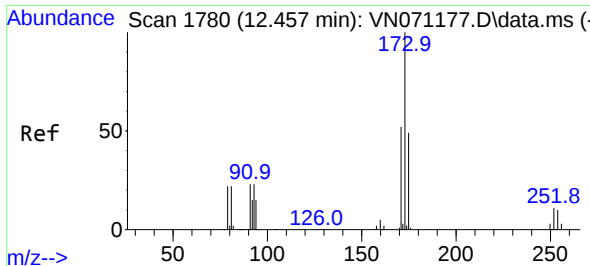
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 53.592 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

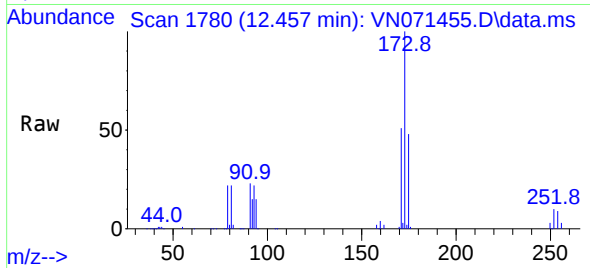
Tgt Ion:104 Resp: 1053140
Ion Ratio Lower Upper
104 100
78 50.7 38.7 58.1
103 54.7 45.0 67.6





#71
Bromoform
Concen: 52.725 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

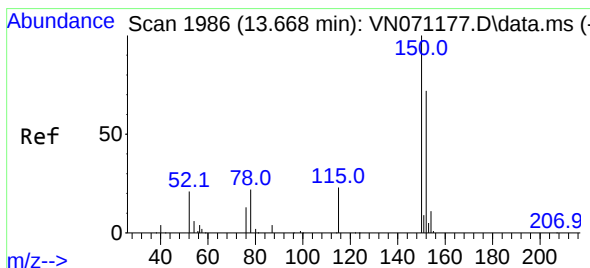
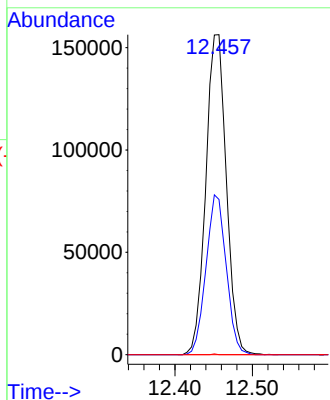
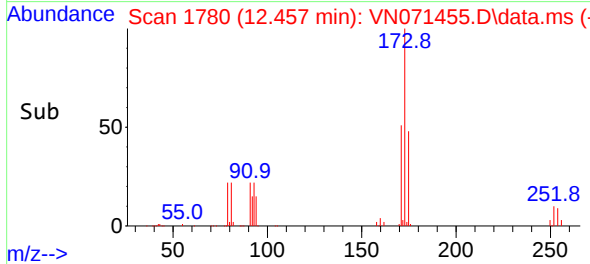
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



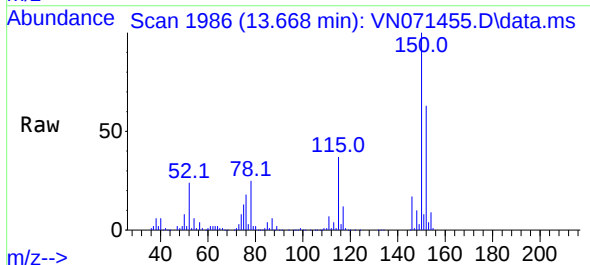
Tgt Ion:173 Resp: 287460
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

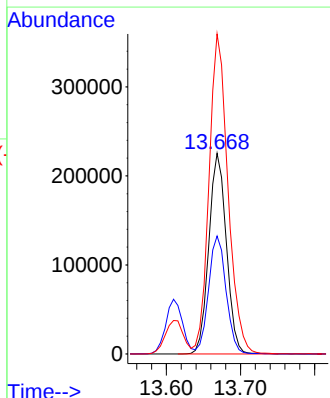
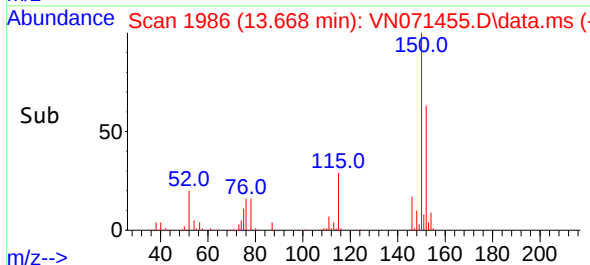
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

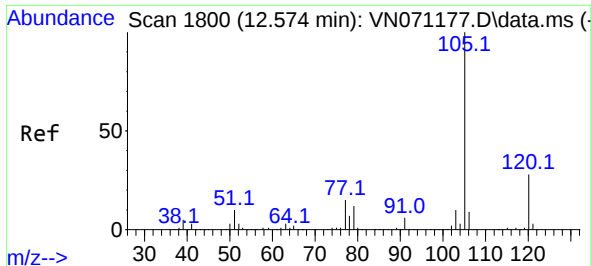


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



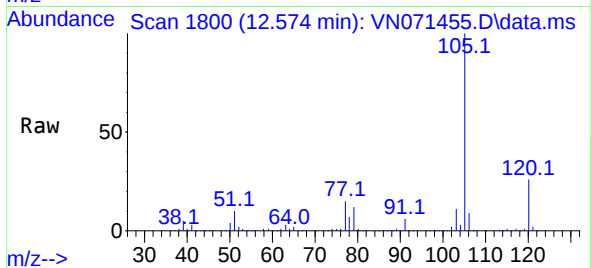
Tgt Ion:152 Resp: 371113
Ion Ratio Lower Upper
152 100
115 58.5 27.5 82.5
150 172.3 0.0 344.4





#73
Isopropylbenzene
Concen: 46.835 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

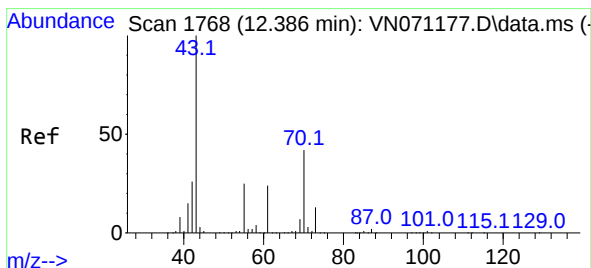
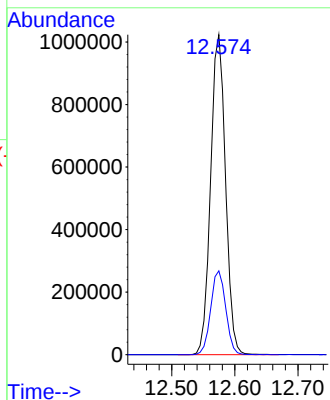
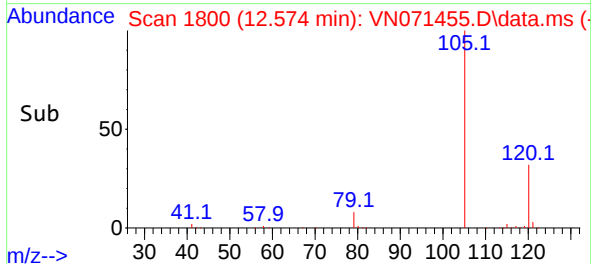
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



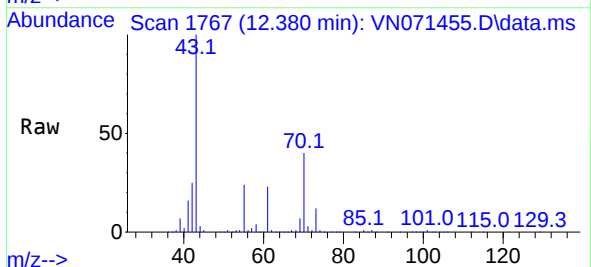
Tgt Ion:105 Resp: 1675492
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

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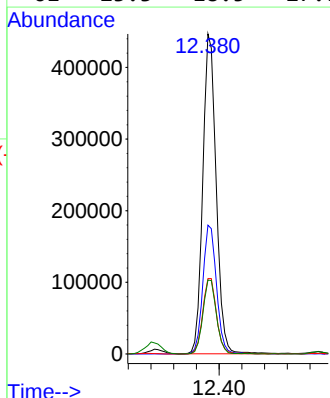
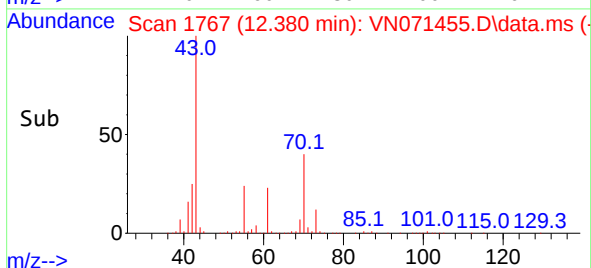
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

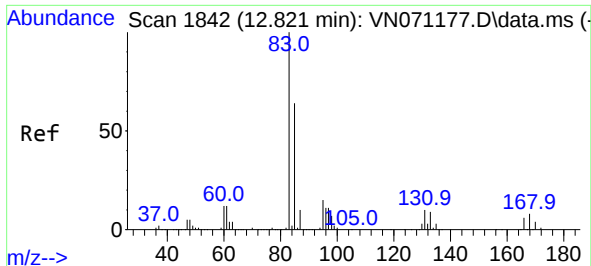


#74
N-ethyl acetate
Concen: 54.083 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



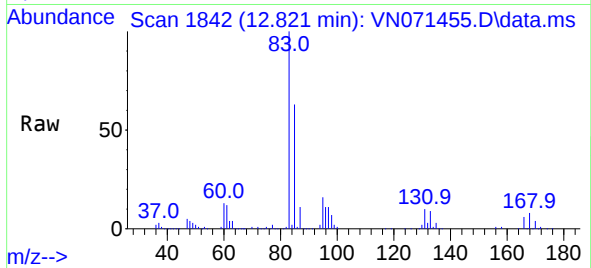
Tgt Ion: 43 Resp: 727486
Ion Ratio Lower Upper
43 100
70 41.2 33.4 50.0
55 24.3 19.3 28.9
61 23.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.767 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

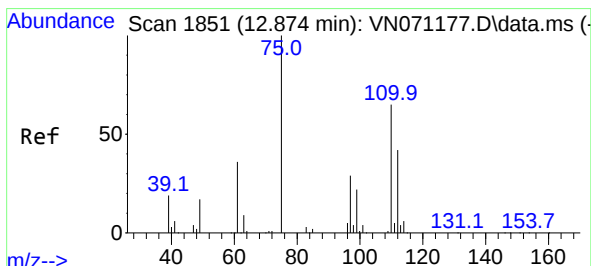
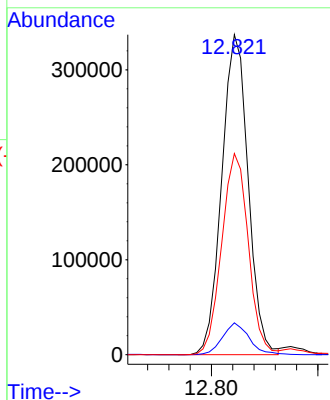
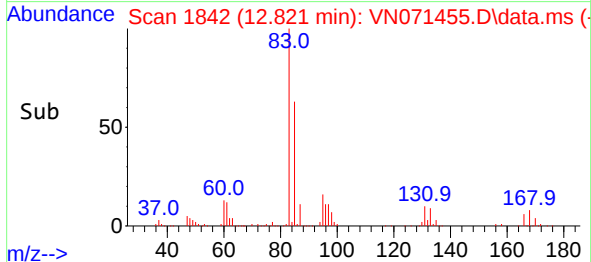
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



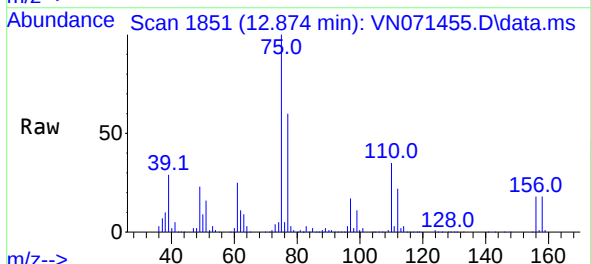
Tgt Ion: 83 Resp: 579629
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.3 32.4 97.2

Manual Integrations
APPROVED

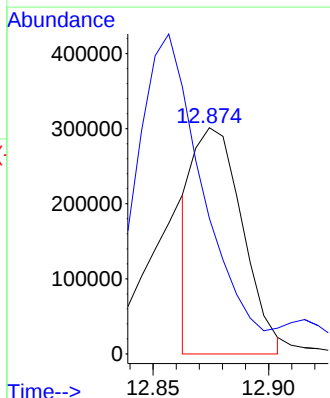
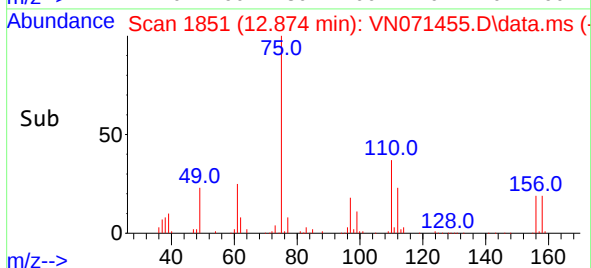
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

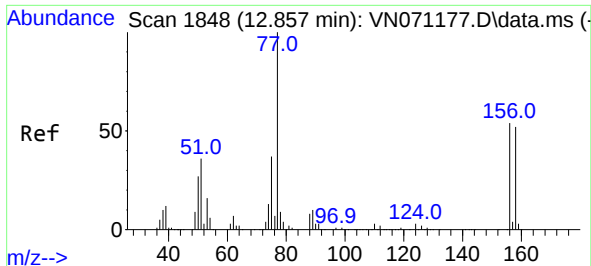


#76
1,2,3-Trichloropropane
Concen: 49.864 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



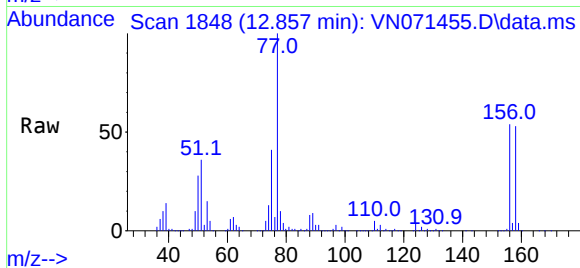
Tgt Ion: 75 Resp: 448575
Ion Ratio Lower Upper
75 100
77 193.3 82.6 247.8





#77
Bromobenzene
Concen: 46.385 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

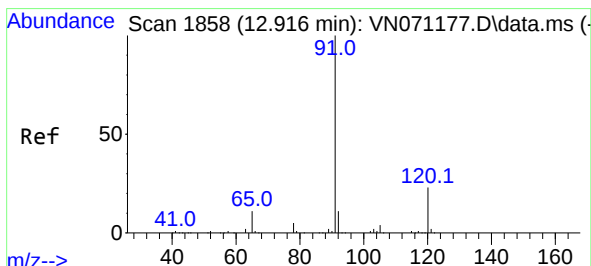
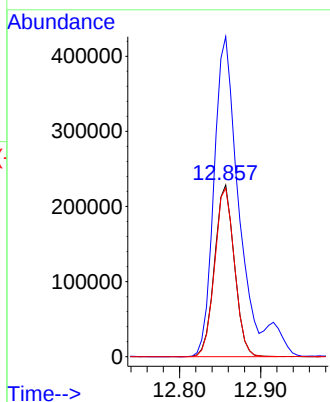
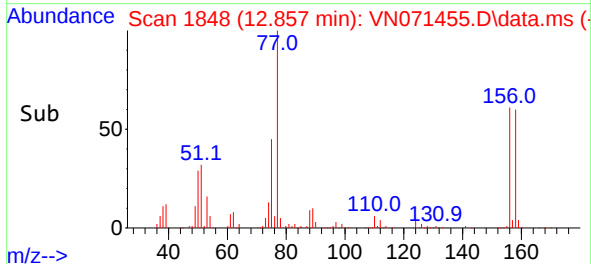
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



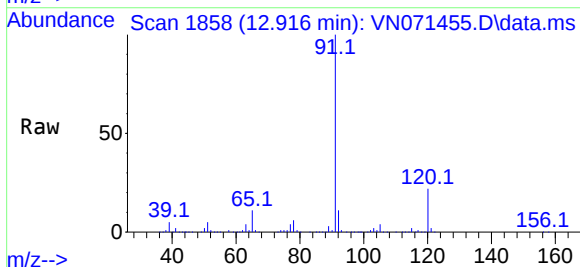
Tgt Ion:156 Resp: 386949
Ion Ratio Lower Upper
156 100
77 224.1 90.6 271.8
158 98.6 48.9 146.7

Manual Integrations
APPROVED

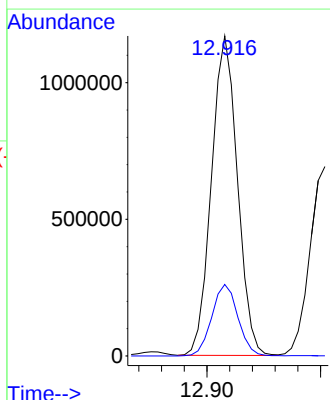
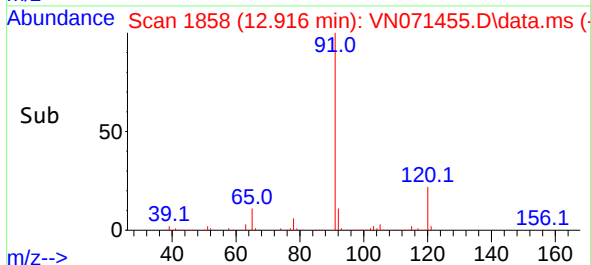
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

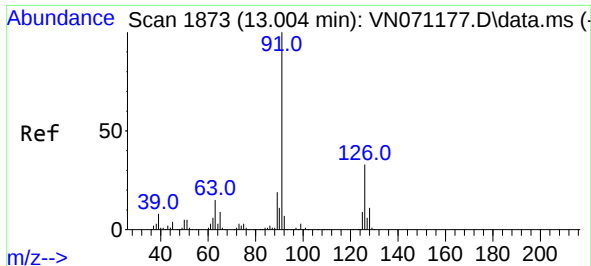


#78
n-propylbenzene
Concen: 48.315 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion: 91 Resp: 1854768
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





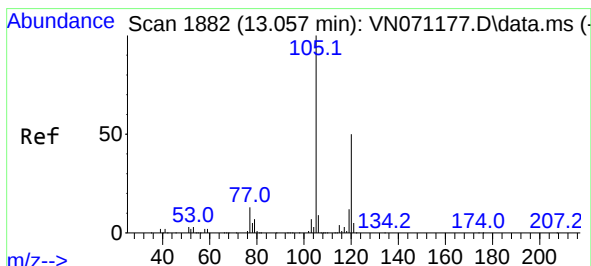
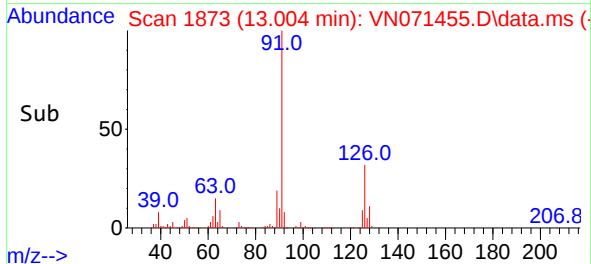
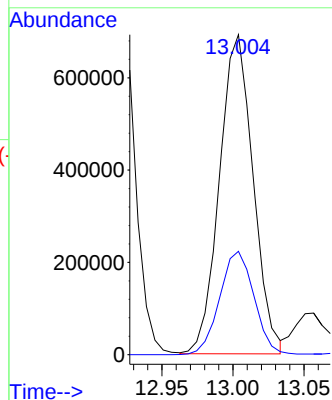
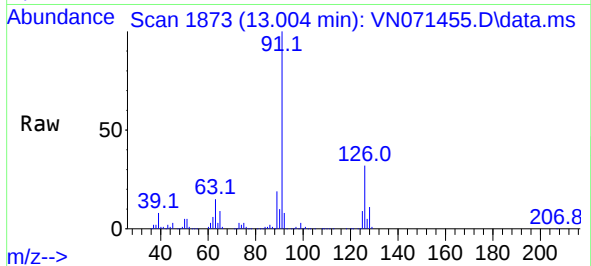
#79
2-Chlorotoluene
Concen: 46.338 ug/l
RT: 13.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 114188
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

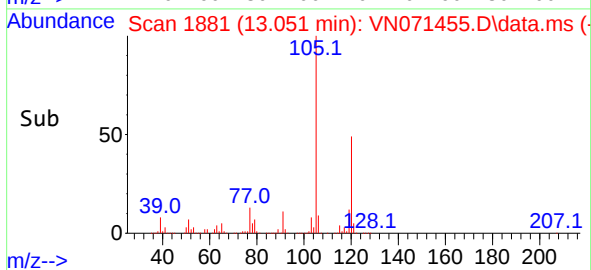
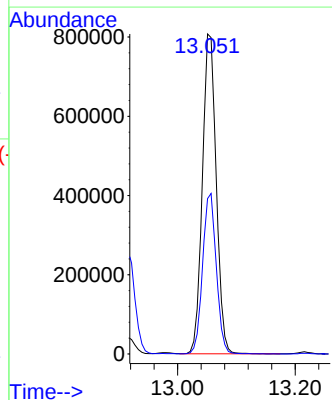
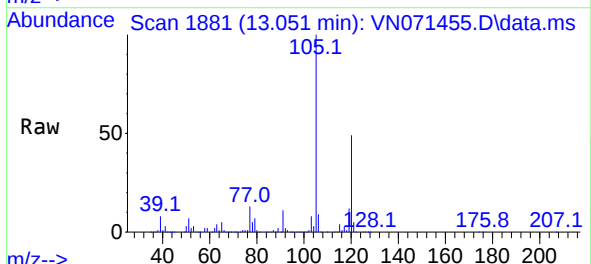
Manual Integrations
APPROVED

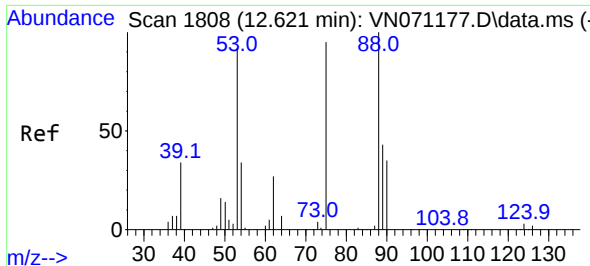
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.373 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

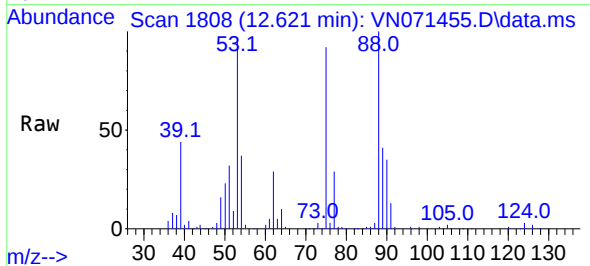
Tgt Ion:105 Resp: 1318532
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.876 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

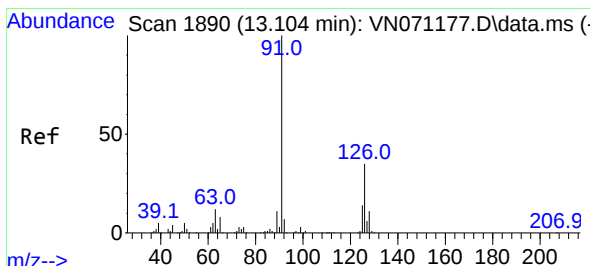
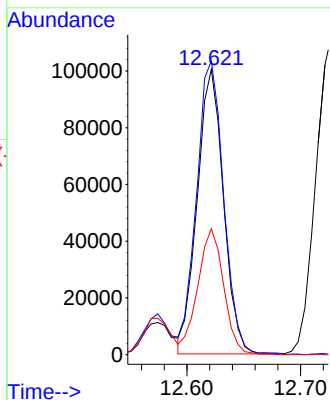
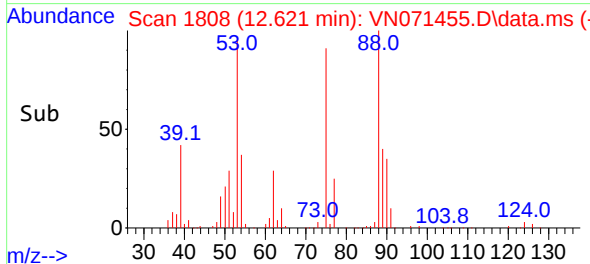
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



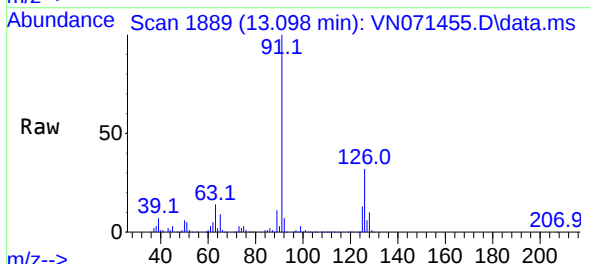
Tgt Ion: 75 Resp: 16092
Ion Ratio Lower Upper
75 100
53 106.2 90.5 135.7
89 43.9 38.2 57.4

Manual Integrations
APPROVED

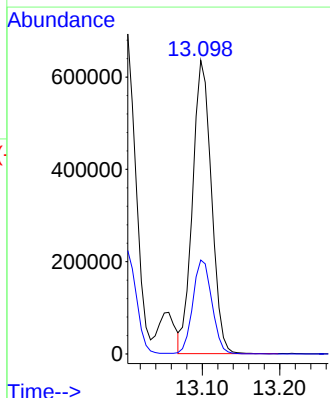
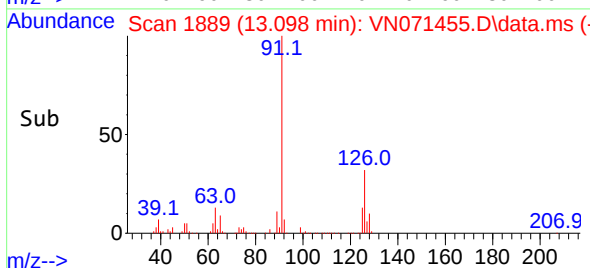
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

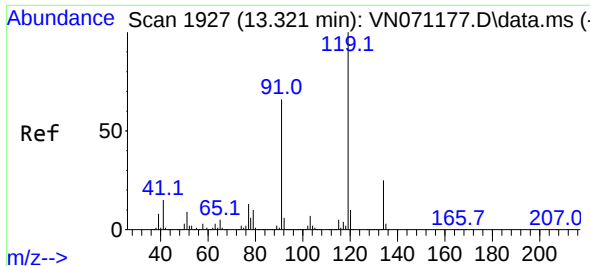


#82
4-Chlorotoluene
Concen: 48.861 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



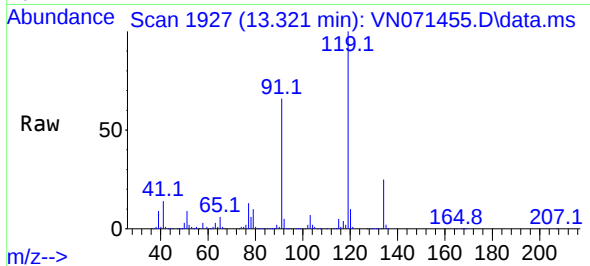
Tgt Ion: 91 Resp: 1072506
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.395 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

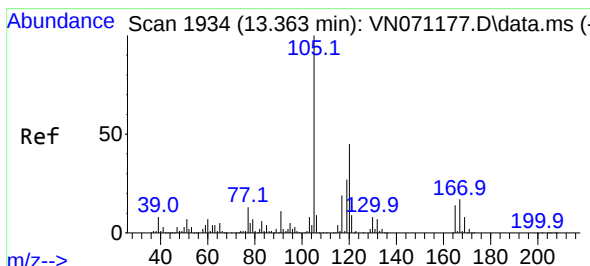
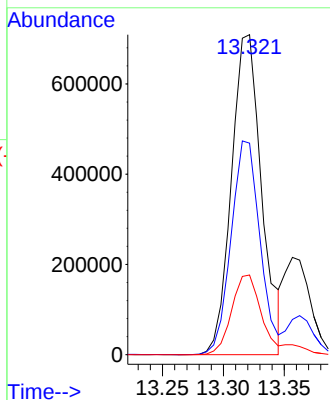
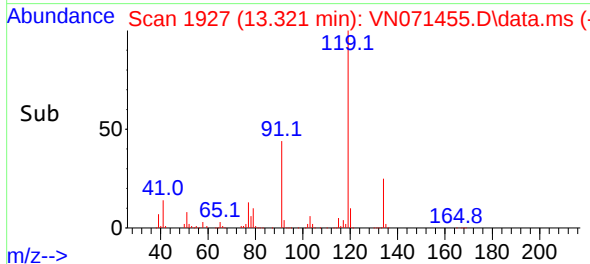
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



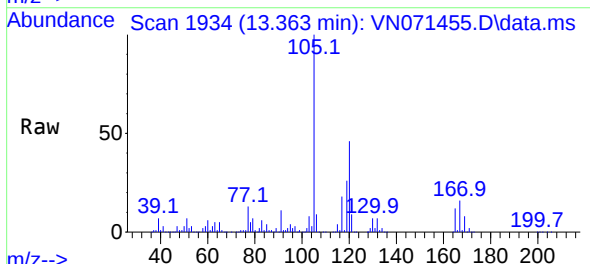
Tgt Ion:119 Resp: 1226910
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 26.5 12.4 37.4

Manual Integrations
APPROVED

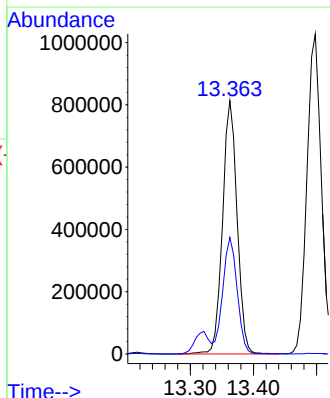
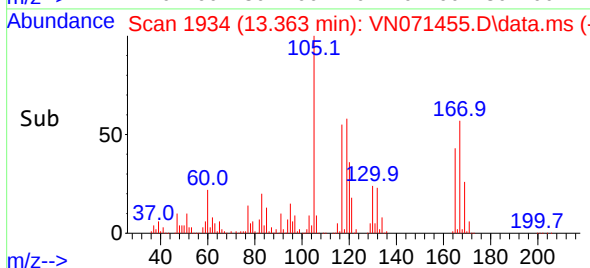
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

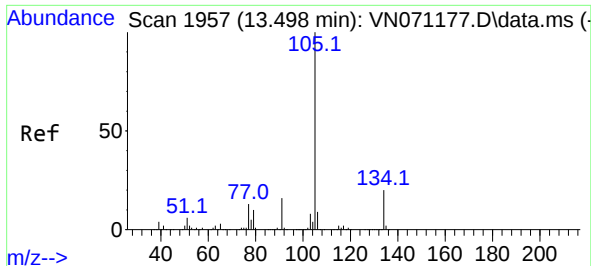


#84
1,2,4-Trimethylbenzene
Concen: 48.898 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



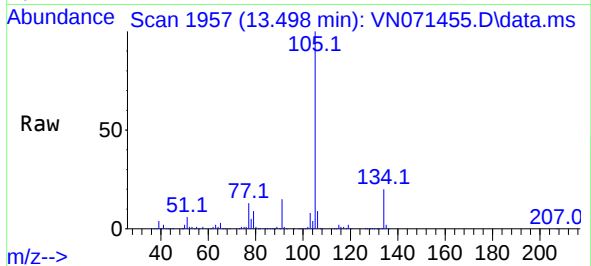
Tgt Ion:105 Resp: 1303599
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.280 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071455.D
 Acq: 22 Mar 2022 06:57

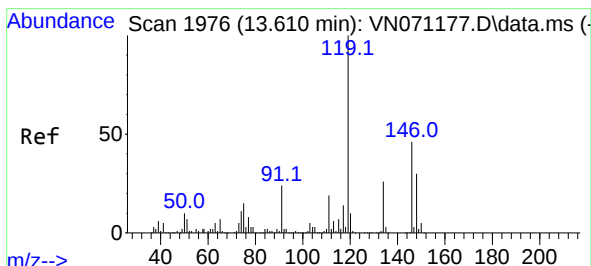
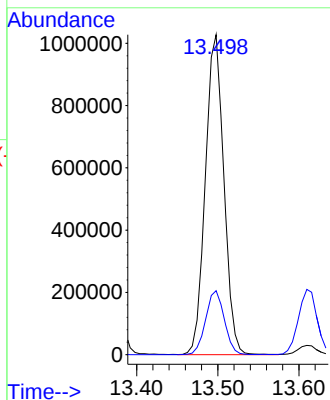
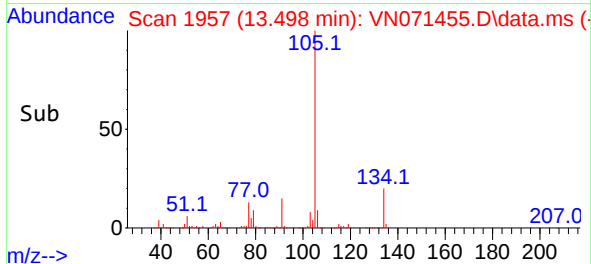
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



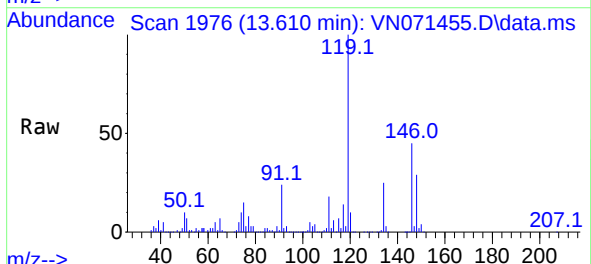
Tgt Ion:105 Resp: 162695
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
 APPROVED

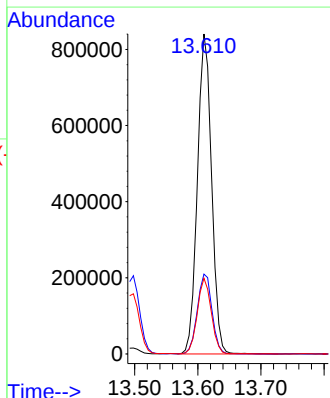
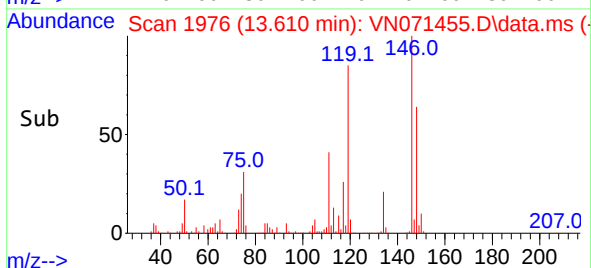
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

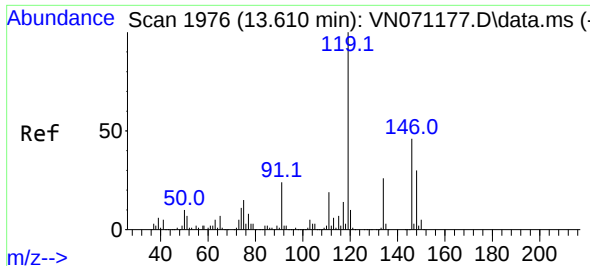


#86
 p-Isopropyltoluene
 Concen: 50.240 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071455.D
 Acq: 22 Mar 2022 06:57



Tgt Ion:119 Resp: 1304436
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 23.3 11.4 34.1





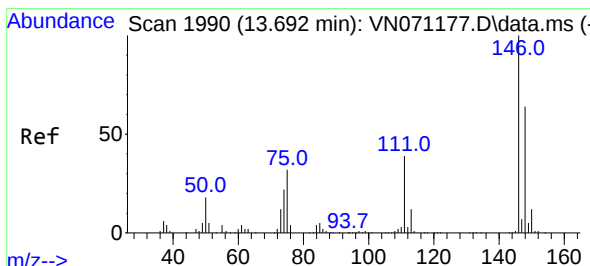
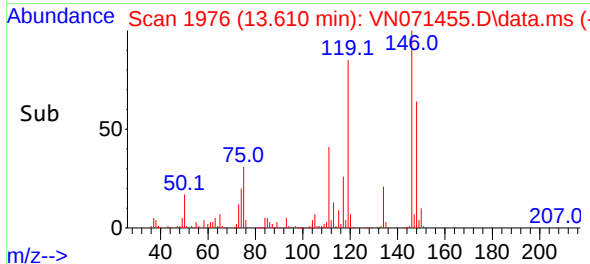
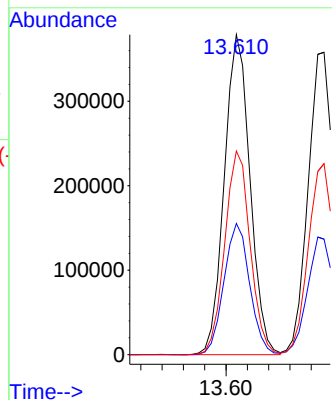
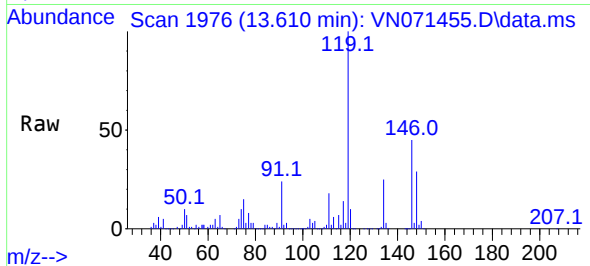
#87
1,3-Dichlorobenzene
Concen: 46.782 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 634114
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 63.0 31.6 95.0

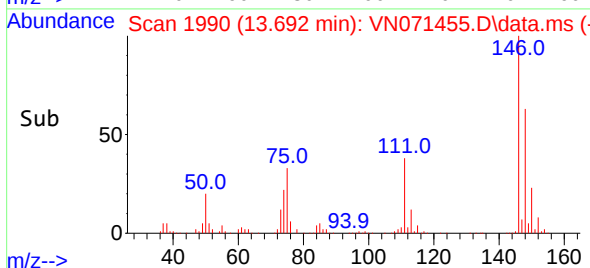
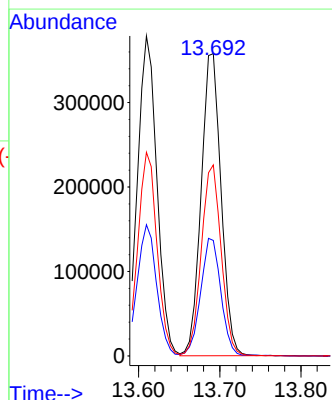
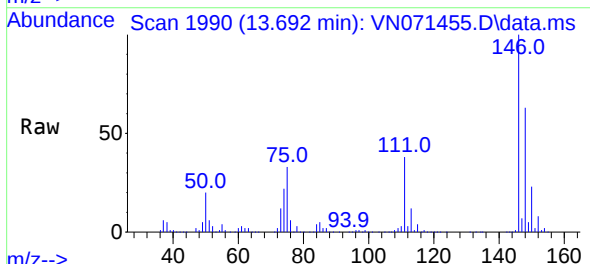
Manual Integrations
APPROVED

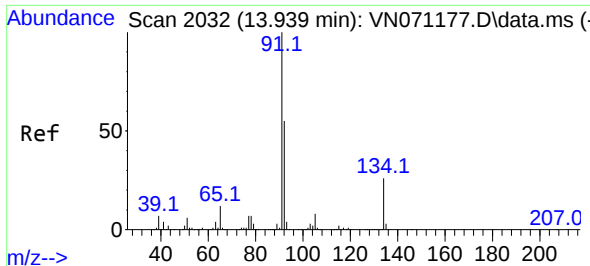
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#88
1,4-Dichlorobenzene
Concen: 46.074 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Tgt Ion:146 Resp: 610470
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 63.3 31.8 95.4





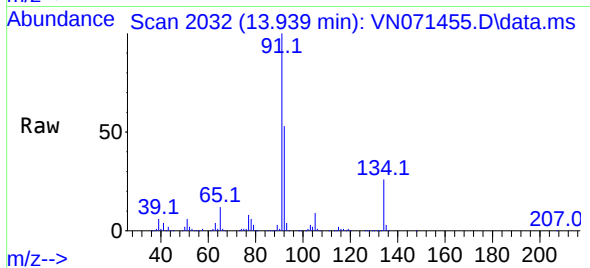
#89
n-Butylbenzene
Concen: 47.988 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

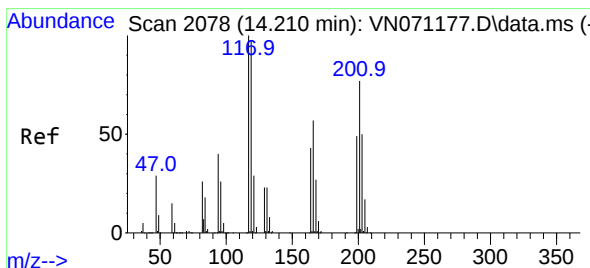
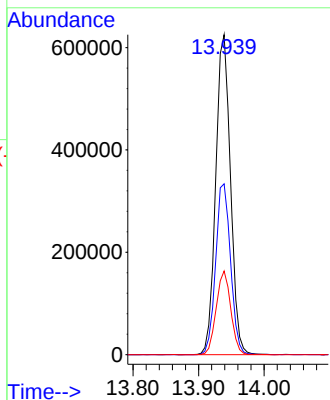
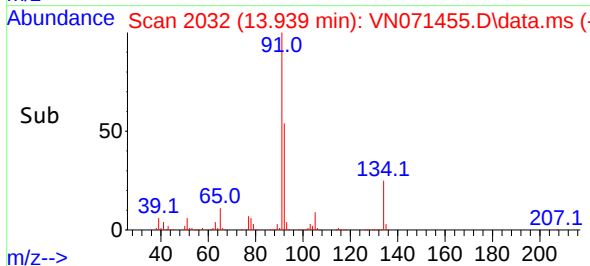


Tgt Ion: 91 Resp: 974529
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 25.9 13.6 40.8

Manual Integrations

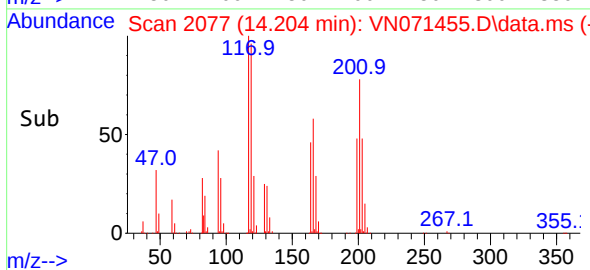
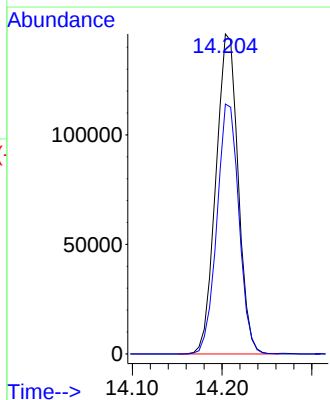
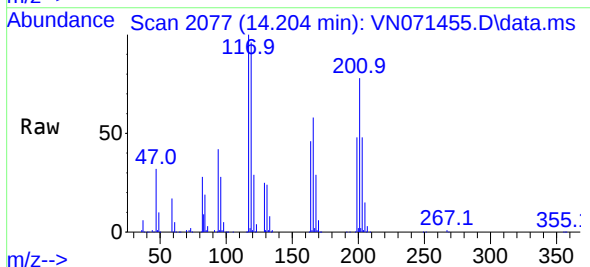
APPROVED

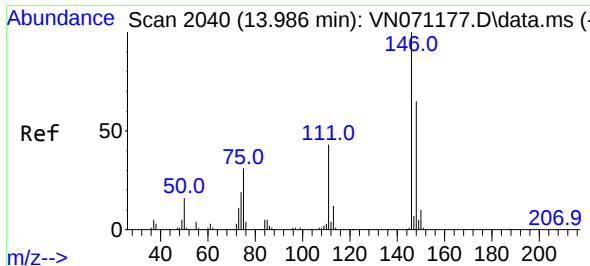
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 48.689 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Tgt Ion:117 Resp: 251395
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.679 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

Instrument :

MSVOA_N

ClientSampleId :

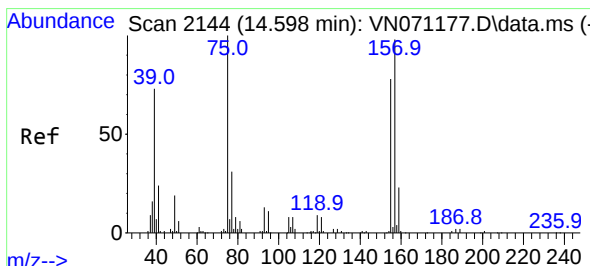
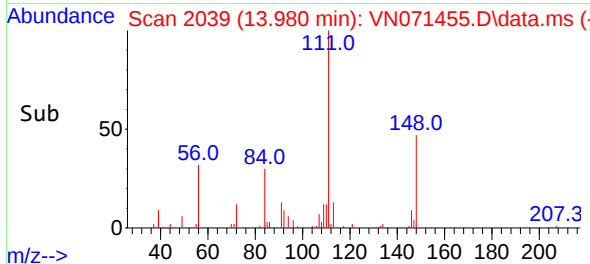
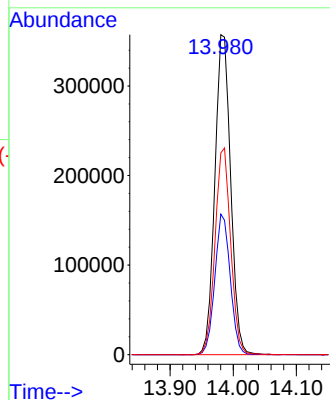
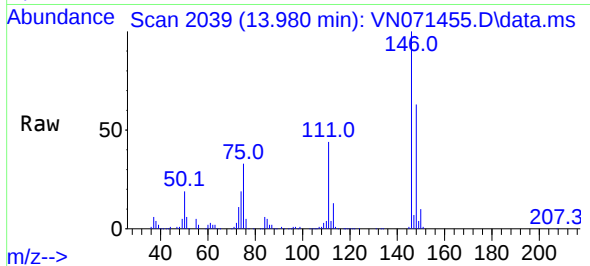
VSTDCCC050EC

Tgt Ion:146 Resp: 62132
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations

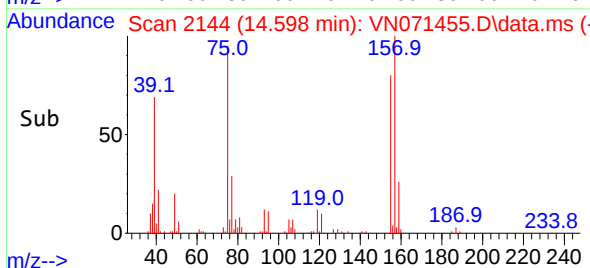
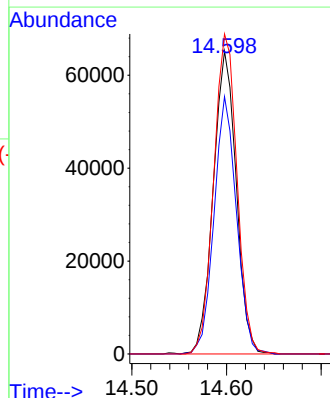
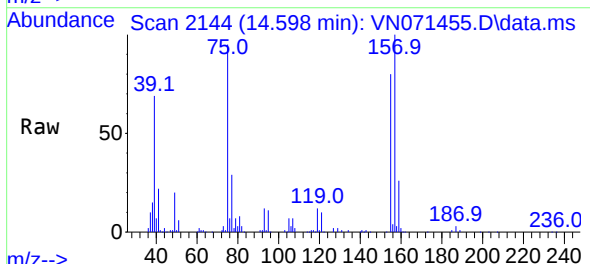
APPROVED

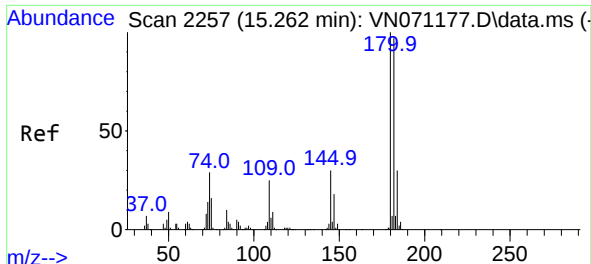
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.803 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

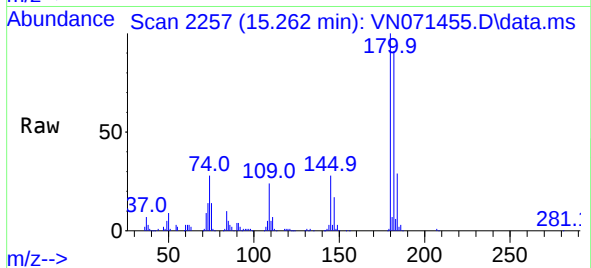
Tgt Ion: 75 Resp: 109909
Ion Ratio Lower Upper
75 100
155 83.0 46.9 140.7
157 107.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.282 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

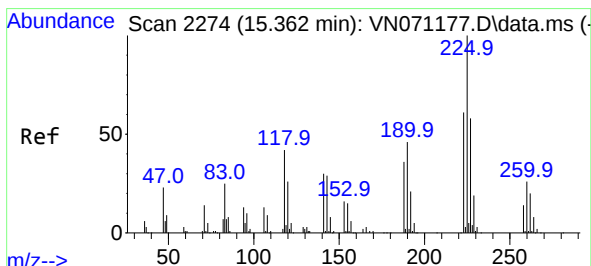
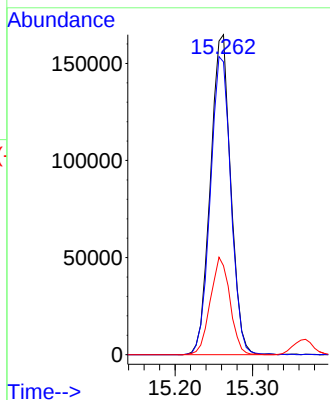
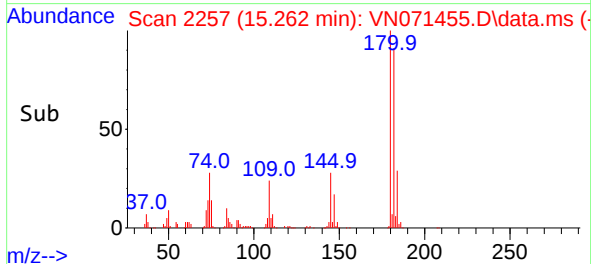
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



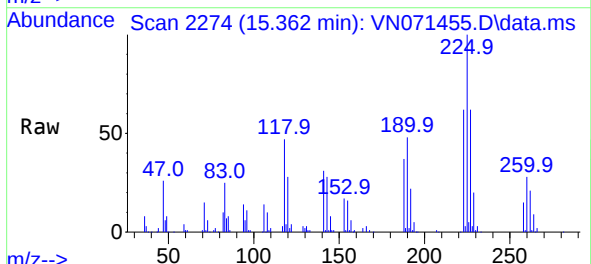
Tgt Ion:180 Resp: 29945
Ion Ratio Lower Upper
180 100
182 94.2 48.3 144.9
145 29.6 14.5 43.5

Manual Integrations
APPROVED

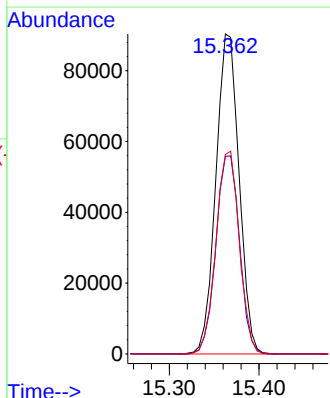
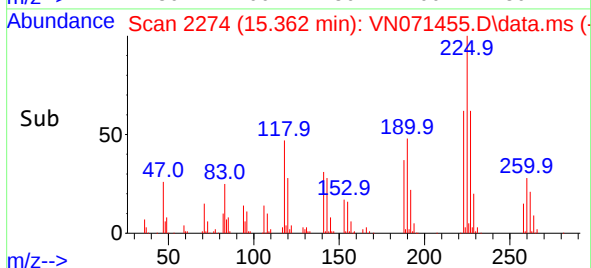
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

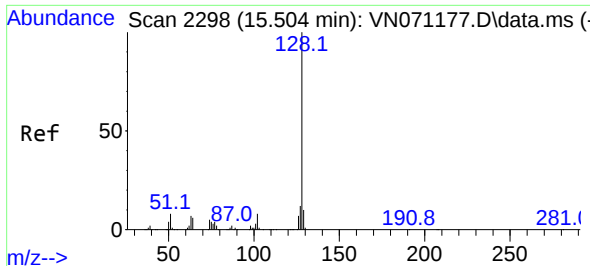


#94
Hexachlorobutadiene
Concen: 44.315 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



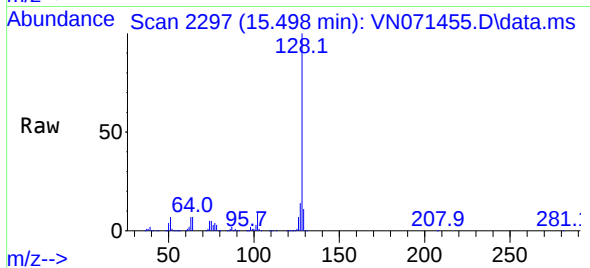
Tgt Ion:225 Resp: 162117
Ion Ratio Lower Upper
225 100
223 62.9 31.9 95.7
227 63.6 32.1 96.3





#95
Naphthalene
Concen: 56.536 ug/l
RT: 15.498 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57

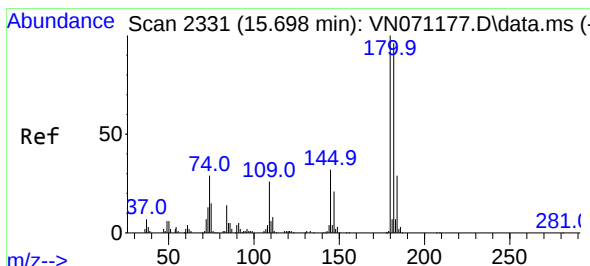
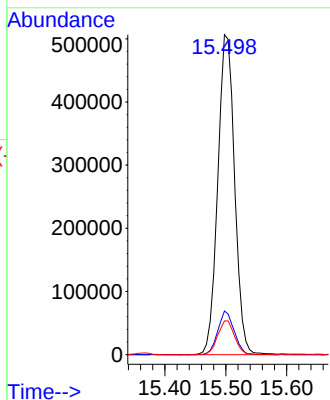
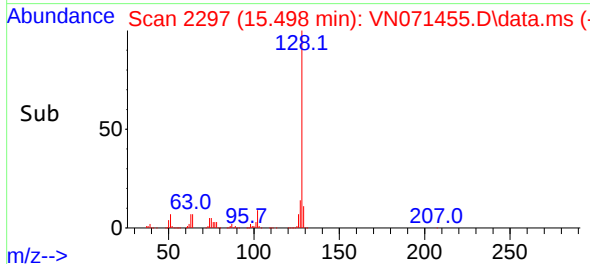
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



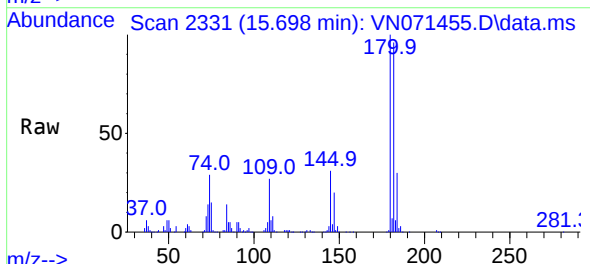
Tgt Ion:128 Resp: 974364
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.922 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071455.D
Acq: 22 Mar 2022 06:57



Tgt Ion:180 Resp: 303165
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 32.2 15.0 45.1

