

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071308.D
 Acq On : 15 Mar 2022 21:41
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 08:09:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	625199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1013991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	936675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	380182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	402926	47.024	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.040%		
35) Dibromofluoromethane	8.016	113	309517	48.372	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.740%		
50) Toluene-d8	10.439	98	1222136	47.438	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.880%		
62) 4-Bromofluorobenzene	12.727	95	420095	48.154	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	280981	41.007	ug/l	99
3) Chloromethane	2.299	50	413612	44.960	ug/l	100
4) Vinyl Chloride	2.440	62	367044	43.710	ug/l	99
5) Bromomethane	2.828	94	190864	51.024	ug/l	99
6) Chloroethane	2.999	64	230348	45.297	ug/l	100
7) Trichlorofluoromethane	3.363	101	492188	44.532	ug/l	100
8) Diethyl Ether	3.828	74	216854	45.850	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	283984	44.385	ug/l	94
10) Methyl Iodide	4.422	142	375076	41.505	ug/l	99
11) Tert butyl alcohol	5.369	59	394262	234.224	ug/l	98
12) 1,1-Dichloroethene	4.181	96	278722	44.469	ug/l	94
13) Acrolein	4.040	56	357302	200.545	ug/l	99
14) Allyl chloride	4.834	41	613581	45.009	ug/l	86
15) Acrylonitrile	5.546	53	1176579	235.403	ug/l	99
16) Acetone	4.281	43	973577	233.516	ug/l	96
17) Carbon Disulfide	4.528	76	694108	38.899	ug/l	100
18) Methyl Acetate	4.851	43	569715	50.873	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1110633	47.195	ug/l	96
20) Methylene Chloride	5.093	84	352274	46.259	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	299001	43.613	ug/l	91
22) Diisopropyl ether	6.493	45	1268675	47.238	ug/l	92
23) Vinyl Acetate	6.428	43	5529194	243.184	ug/l	97
24) 1,1-Dichloroethane	6.387	63	650378	45.828	ug/l	98
25) 2-Butanone	7.328	43	1618803	241.033	ug/l	95
26) 2,2-Dichloropropane	7.328	77	475908	43.468	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	367871	45.211	ug/l	90
28) Bromochloromethane	7.657	49	255160	40.375	ug/l	83
29) Tetrahydrofuran	7.681	42	1094615	235.262	ug/l	92
30) Chloroform	7.816	83	618583	45.701	ug/l	99
31) Cyclohexane	8.092	56	591315	43.214	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	539205	46.766	ug/l	98
36) 1,1-Dichloropropene	8.216	75	461121	44.979	ug/l	97
37) Ethyl Acetate	7.410	43	649667	46.045	ug/l	97
38) Carbon Tetrachloride	8.204	117	456572	46.042	ug/l	98
39) Methylcyclohexane	9.457	83	552512	45.811	ug/l	95
40) Benzene	8.457	78	1422767	46.061	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	342981	49.673	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	515566	47.965	ug/l	100
43) Isopropyl Acetate	8.557	43	1102368	52.247	ug/l #	92
44) Trichloroethene	9.210	130	336217	46.132	ug/l	96
45) 1,2-Dichloropropane	9.486	63	387061	46.680	ug/l	99
46) Dibromomethane	9.575	93	241535	47.327	ug/l	96
47) Bromodichloromethane	9.757	83	499611	48.441	ug/l	99
48) Methyl methacrylate	9.557	41	486042	49.709	ug/l #	82
49) 1,4-Dioxane	9.563	88	172179	1013.064	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	3275788	250.169	ug/l	99
52) Toluene	10.504	92	904834	47.572	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	546874	48.101	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	587601	47.301	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	358166	46.993	ug/l	98
56) Ethyl methacrylate	10.757	69	618413	49.684	ug/l	89
57) 1,3-Dichloropropane	11.039	76	642183	46.941	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	864152	321.490	ug/l	94
59) 2-Hexanone	11.080	43	2400556	268.688	ug/l	100
60) Dibromochloromethane	11.233	129	374566	49.461	ug/l	99
61) 1,2-Dibromoethane	11.339	107	364565	46.801	ug/l	99
64) Tetrachloroethene	10.975	164	289610	44.332	ug/l	97
65) Chlorobenzene	11.769	112	948312	47.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	353751	47.960	ug/l	100
67) Ethyl Benzene	11.839	91	1743447	49.019	ug/l	97
68) m/p-Xylenes	11.951	106	1310886	100.749	ug/l	98
69) o-Xylene	12.275	106	657476	50.410	ug/l	98
70) Styrene	12.292	104	1053909	52.202	ug/l	98
71) Bromoform	12.451	173	288174	51.447	ug/l #	99
73) Isopropylbenzene	12.574	105	1694203	46.228	ug/l	99
74) N-amyl acetate	12.386	43	686886	49.847	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	575099	52.958	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	528845m	57.836	ug/l	
77) Bromobenzene	12.857	156	395712	46.304	ug/l	81
78) n-propylbenzene	12.916	91	1877378	47.738	ug/l	98
79) 2-Chlorotoluene	13.004	91	1152080	45.636	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1352867	47.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	179449	51.024	ug/l	92
82) 4-Chlorotoluene	13.098	91	1063009	47.273	ug/l	94
83) tert-Butylbenzene	13.322	119	1228441	48.277	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1333405	48.823	ug/l	100
85) sec-Butylbenzene	13.498	105	1647791	48.720	ug/l	99
86) p-Isopropyltoluene	13.610	119	1332509	50.097	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	643525	46.344	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	625195	46.060	ug/l	98
89) n-Butylbenzene	13.939	91	1018651	48.965	ug/l	96
90) Hexachloroethane	14.210	117	250630	47.383	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	623733	46.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	103650	48.608	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	287994	46.448	ug/l	98
94) Hexachlorobutadiene	15.363	225	167455	44.682	ug/l	99
95) Naphthalene	15.504	128	878084	50.343	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	285939	48.020	ug/l	99

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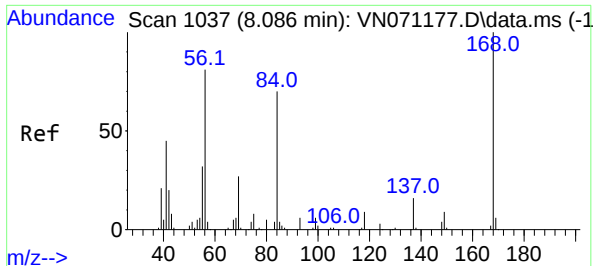
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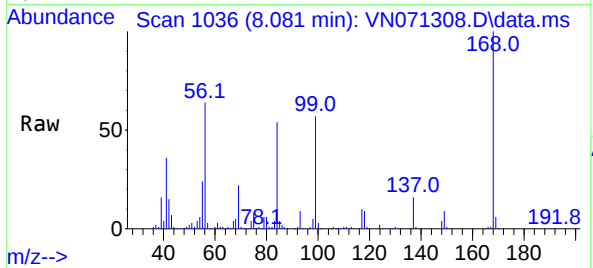
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071308.D
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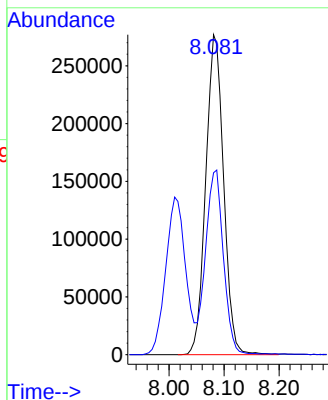
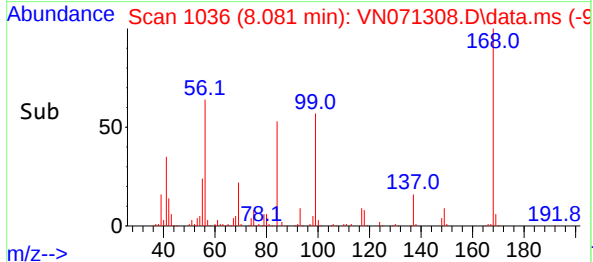
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MSVOA_N
ClientSampleId :
VSTDCCC050EC



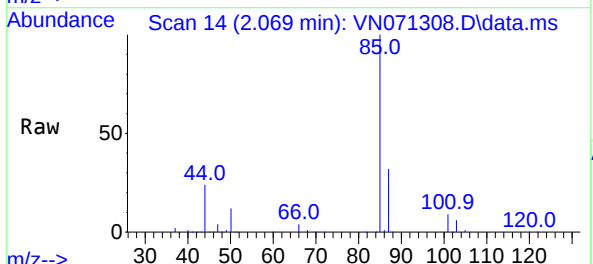
Tgt Ion:168 Resp: 625199
Ion Ratio Lower Upper
168 100
99 56.7 41.3 61.9

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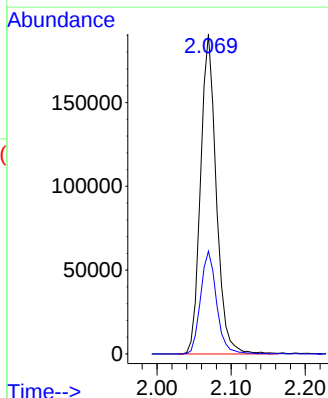
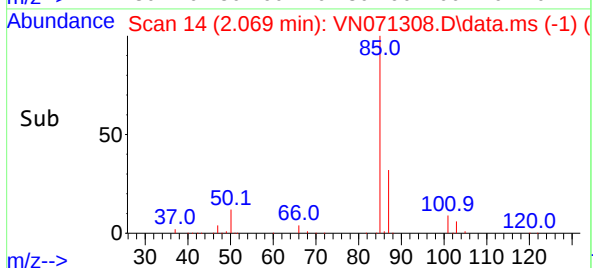
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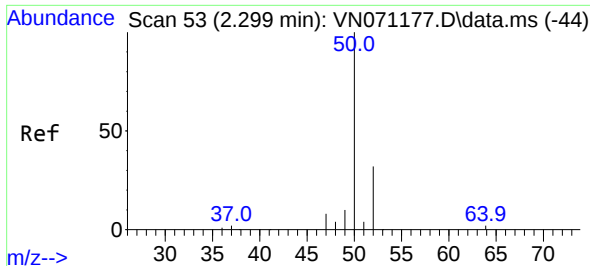


#2
Dichlorodifluoromethane
Concen: 41.007 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



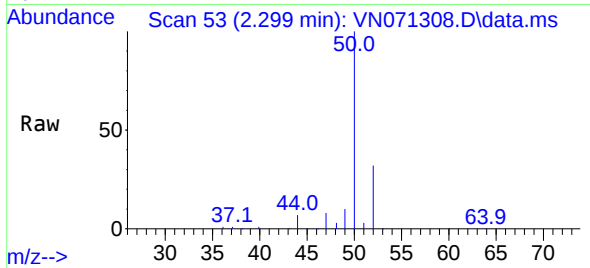
Tgt Ion: 85 Resp: 280981
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 44.960 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

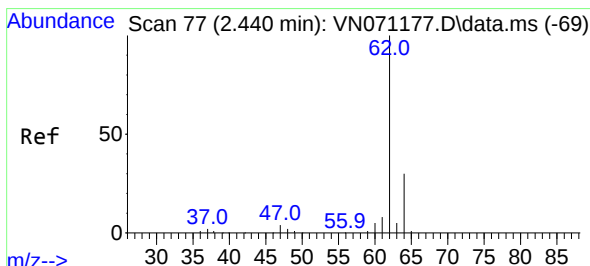
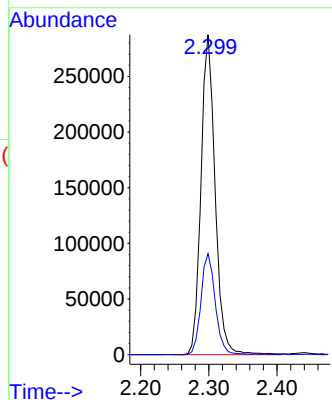
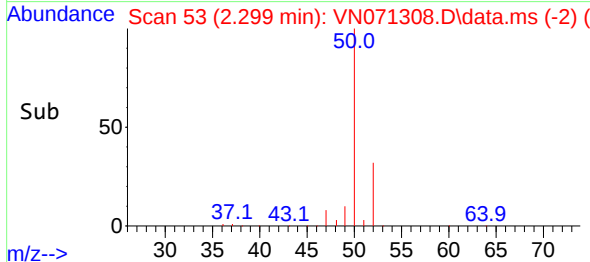
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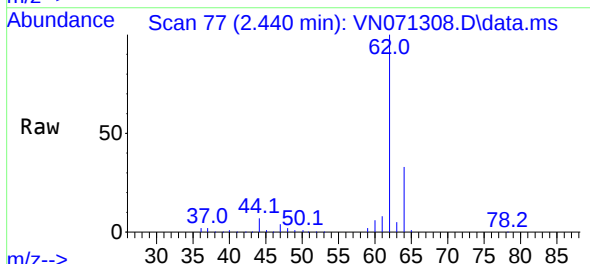
Tgt Ion: 50 Resp: 413612
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

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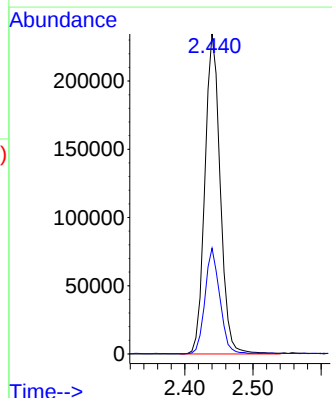
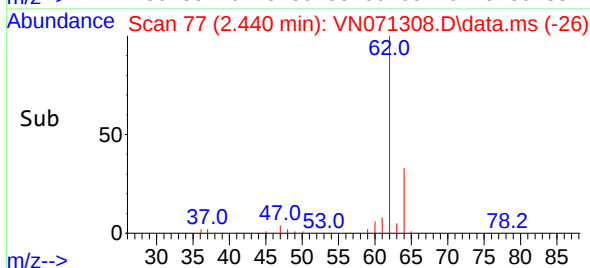
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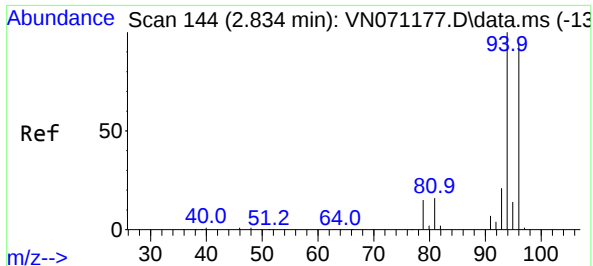


#4
Vinyl Chloride
Concen: 43.710 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



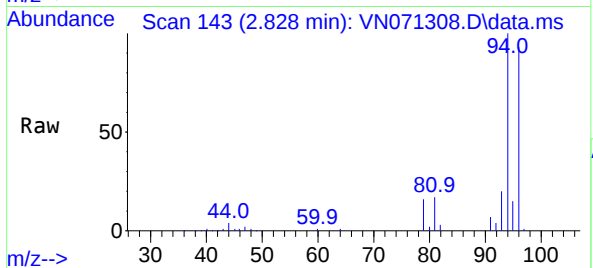
Tgt Ion: 62 Resp: 367044
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6





#5
Bromomethane
Concen: 51.024 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

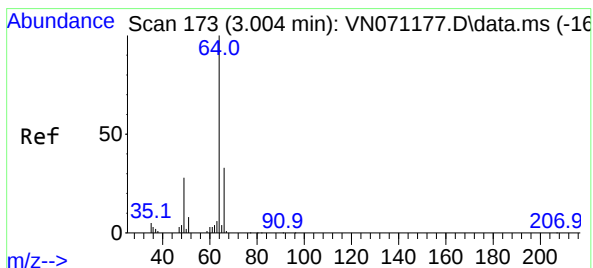
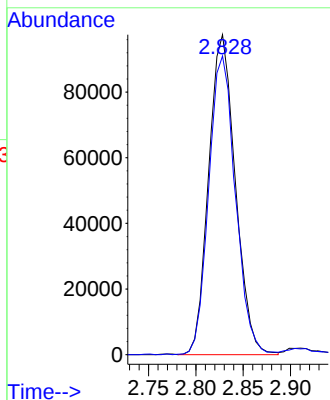
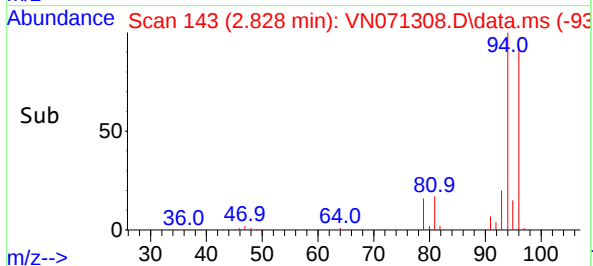
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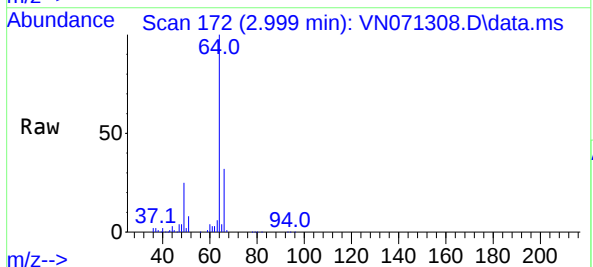
Tgt Ion: 94 Resp: 190864
Ion Ratio Lower Upper
94 100
96 93.2 73.8 110.8

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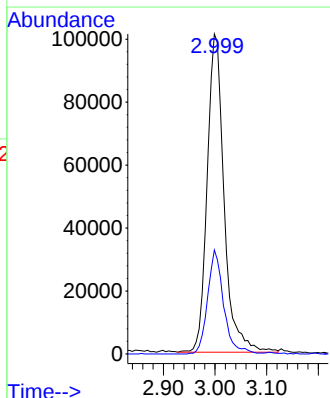
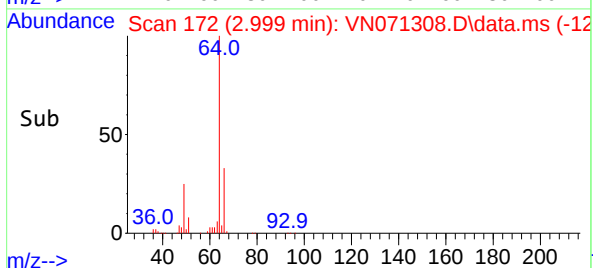
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#6
Chloroethane
Concen: 45.297 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.005 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



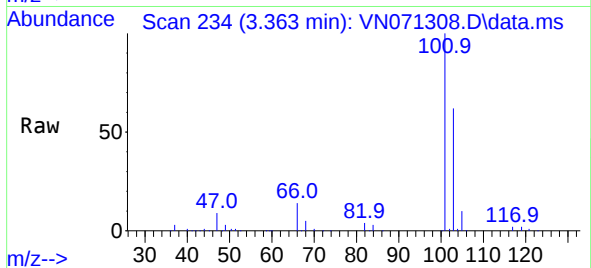
Tgt Ion: 64 Resp: 230348
Ion Ratio Lower Upper
64 100
66 32.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 44.532 ug/l
RT: 3.363 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071308.D
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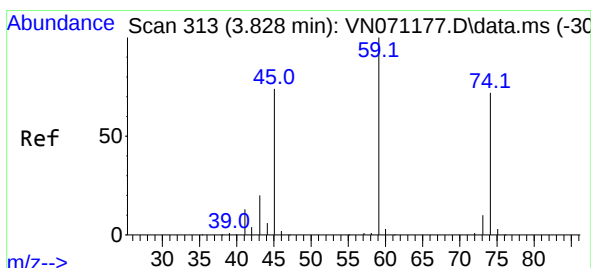
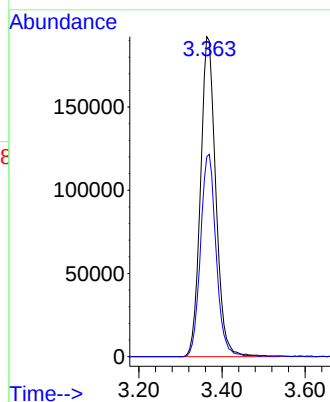
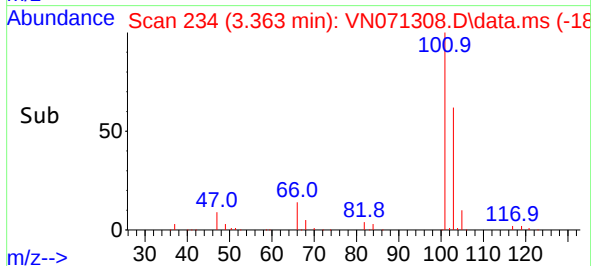
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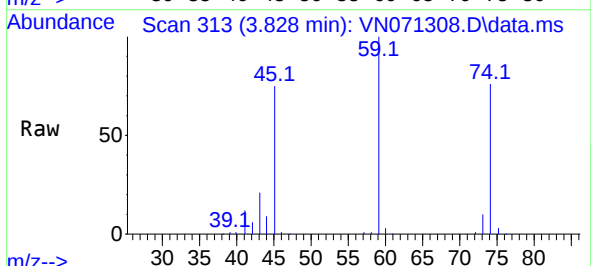
Tgt Ion:101 Resp: 49218
Ion Ratio Lower Upper
101 100
103 62.4 50.1 75.1

Manual Integrations
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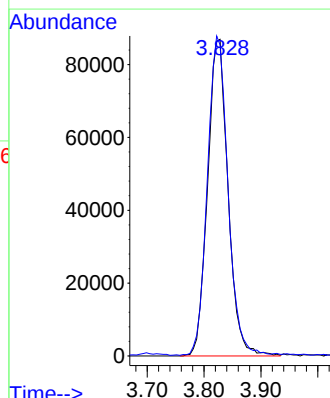
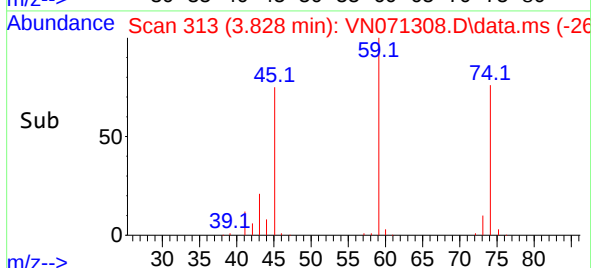
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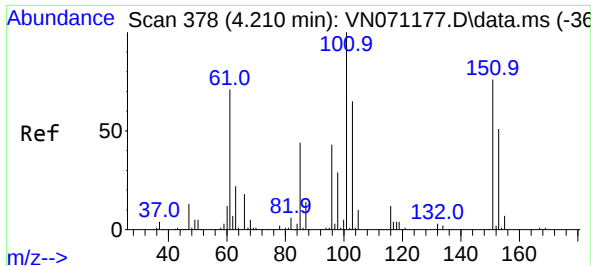


#8
Diethyl Ether
Concen: 45.850 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



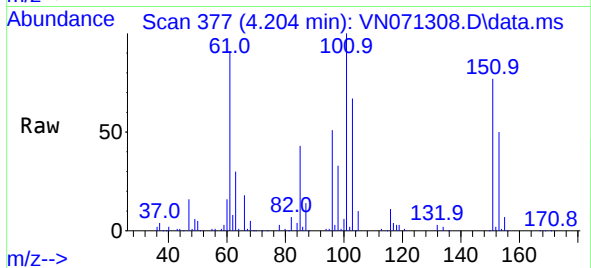
Tgt Ion: 74 Resp: 216854
Ion Ratio Lower Upper
74 100
45 101.3 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.385 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071308.D
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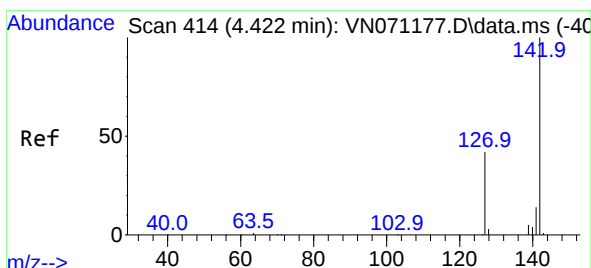
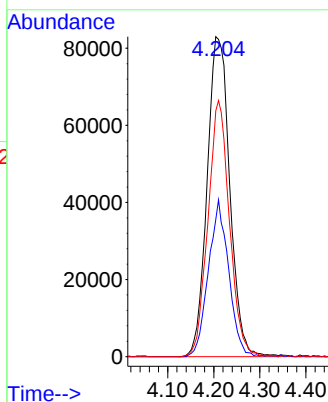
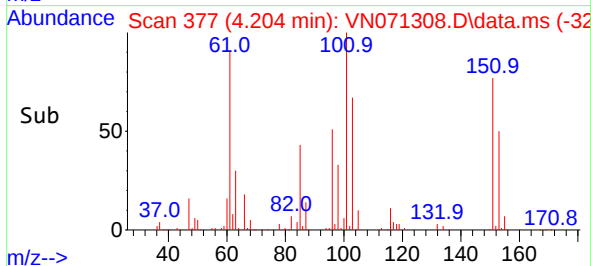
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ClientSampleId :
VSTDCCC050EC



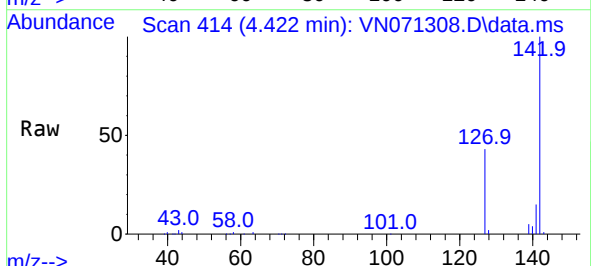
Tgt Ion:101 Resp: 283984
Ion Ratio Lower Upper
101 100
85 43.8 37.2 55.8
151 75.8 65.9 98.9

Manual Integrations
APPROVED

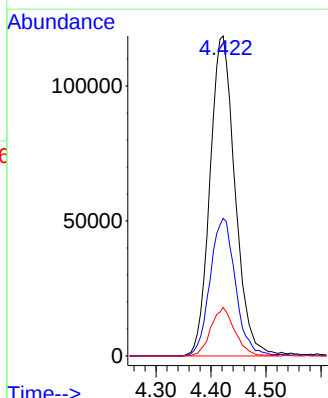
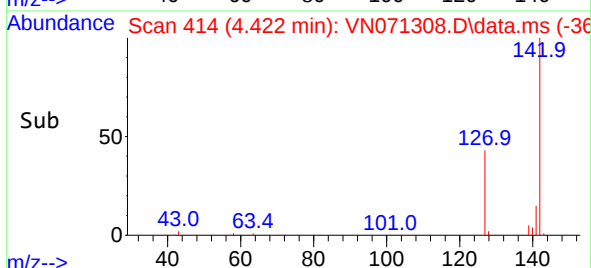
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

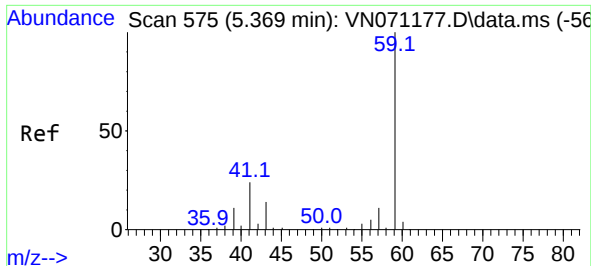


#10
Methyl Iodide
Concen: 41.505 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



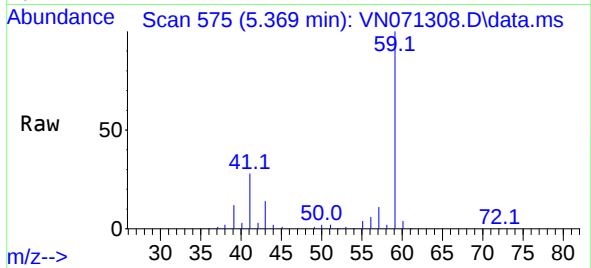
Tgt Ion:142 Resp: 375076
Ion Ratio Lower Upper
142 100
127 43.6 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 234.224 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

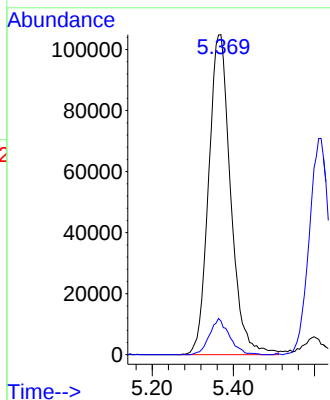
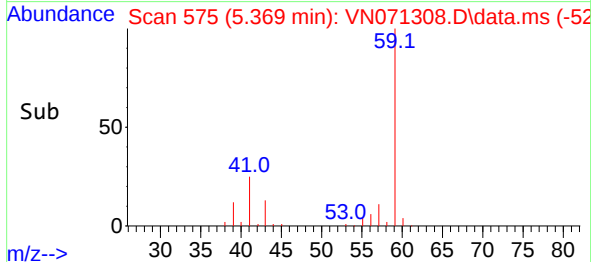
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



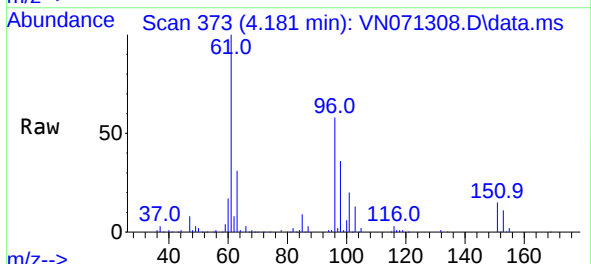
Tgt Ion: 59 Resp: 394262
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

Manual Integrations
APPROVED

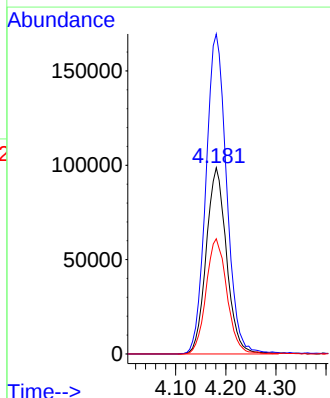
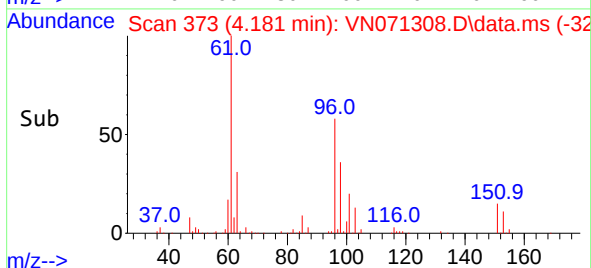
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#12
1,1-Dichloroethene
Concen: 44.469 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



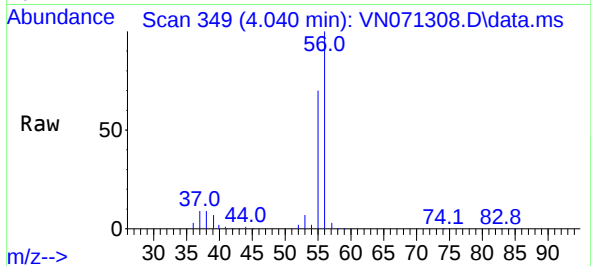
Tgt Ion: 96 Resp: 278722
Ion Ratio Lower Upper
96 100
61 171.8 131.0 196.6
98 61.9 52.4 78.6





#13
Acrolein
Concen: 200.545 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

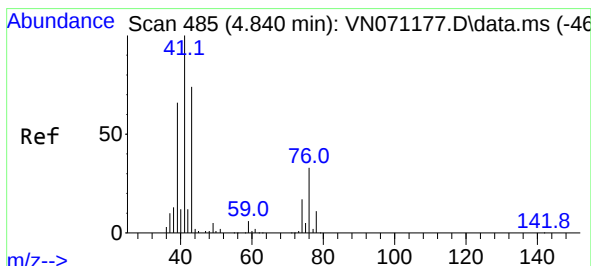
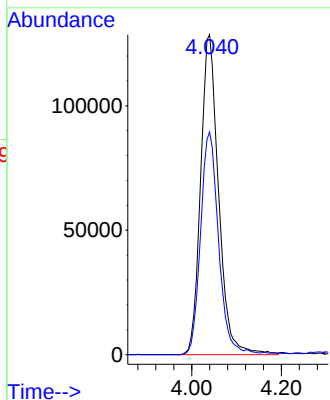
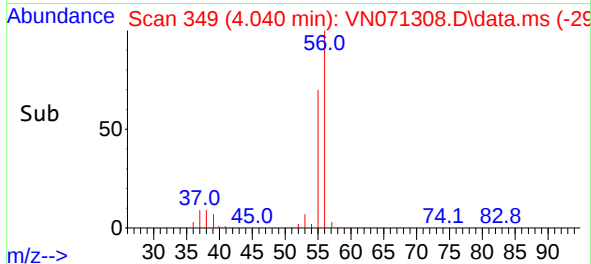
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



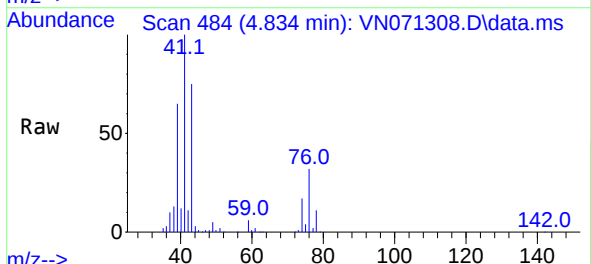
Tgt Ion: 56 Resp: 357302
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0

Manual Integrations
APPROVED

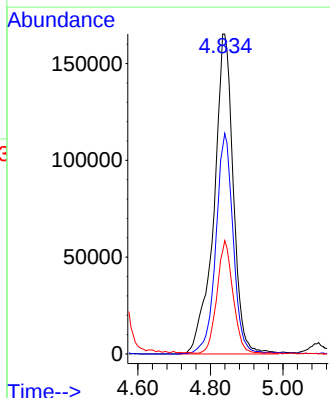
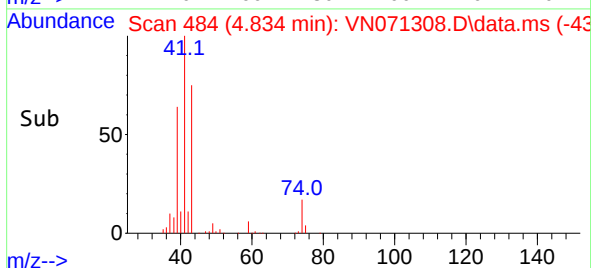
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

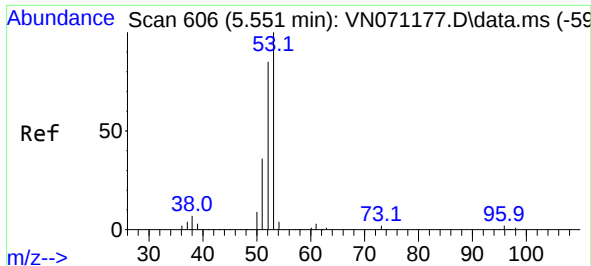


#14
Allyl chloride
Concen: 45.009 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



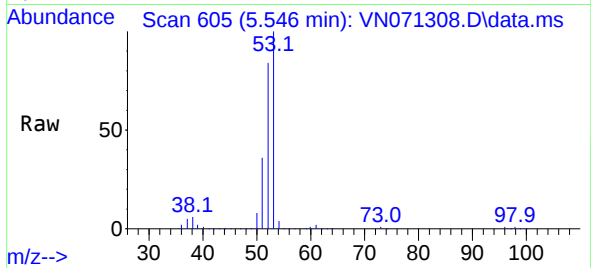
Tgt Ion: 41 Resp: 613581
Ion Ratio Lower Upper
41 100
39 61.4 61.2 91.8
76 29.0 26.0 39.0





#15
Acrylonitrile
Concen: 235.403 ug/l
RT: 5.546 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

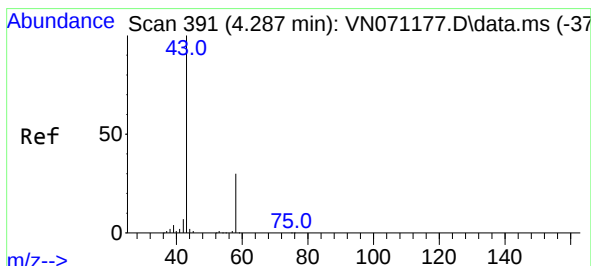
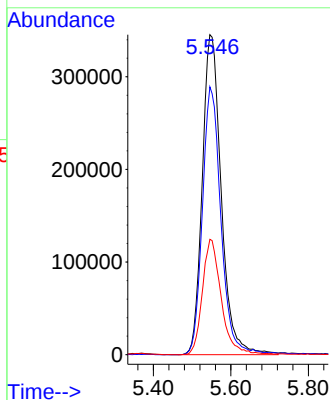
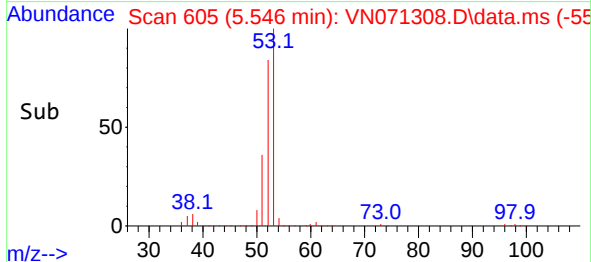
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1176579
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.2
51 35.7 29.6 44.4

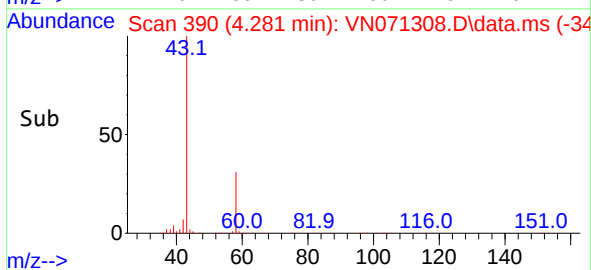
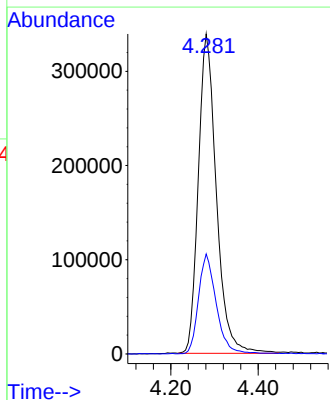
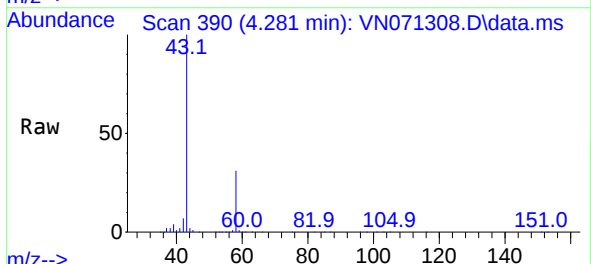
Manual Integrations
APPROVED

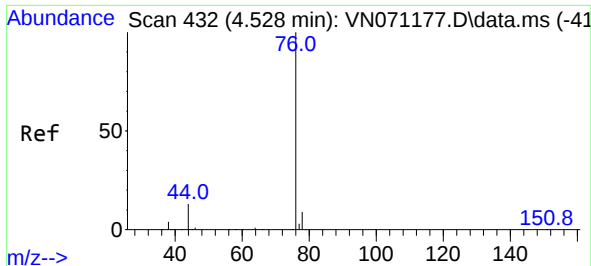
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#16
Acetone
Concen: 233.516 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

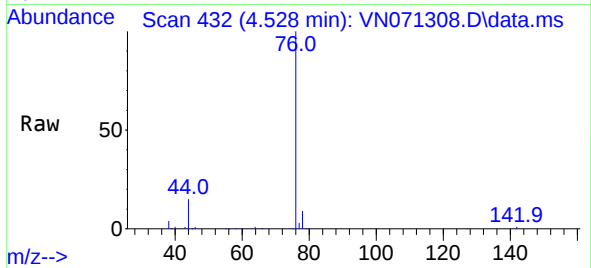
Tgt Ion: 43 Resp: 973577
Ion Ratio Lower Upper
43 100
58 31.2 23.1 34.7





#17
Carbon Disulfide
Concen: 38.899 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

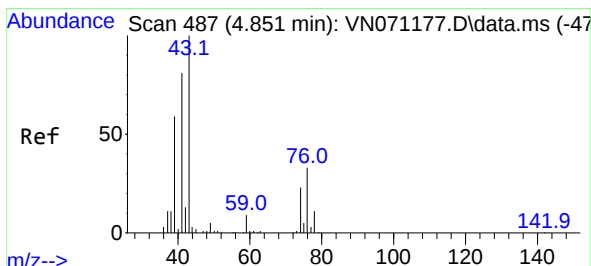
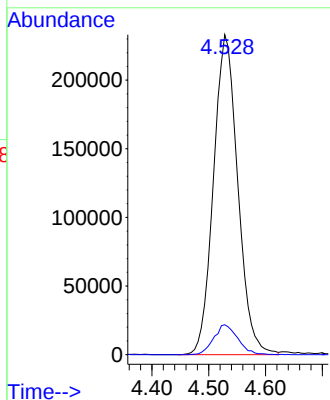
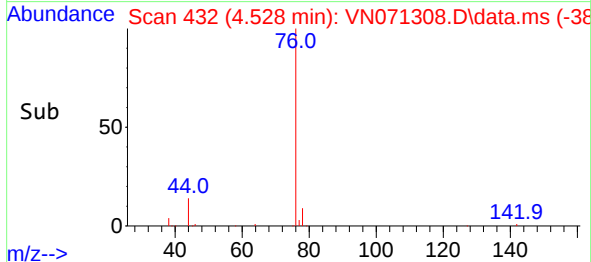
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



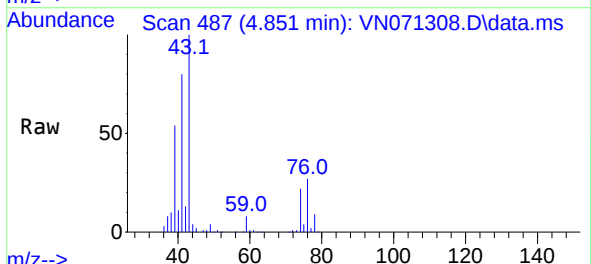
Tgt Ion: 76 Resp: 694108
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
APPROVED

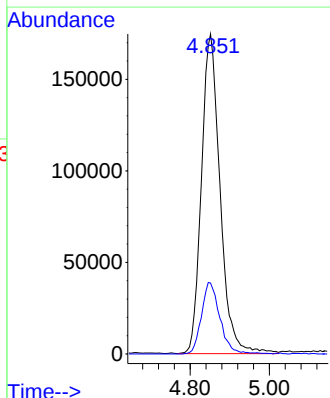
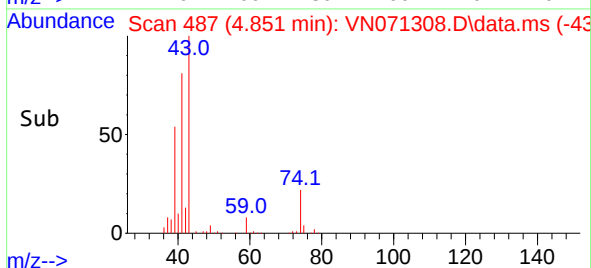
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

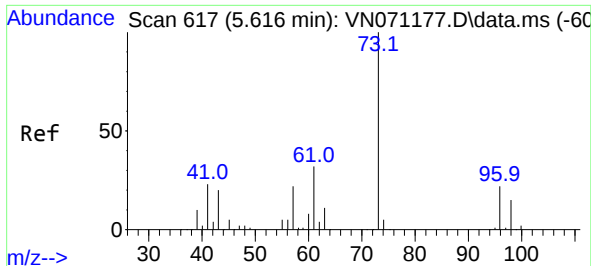


#18
Methyl Acetate
Concen: 50.873 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion: 43 Resp: 569715
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.195 ug/l

RT: 5.610 min Scan# 617

Delta R.T. -0.006 min

Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 111063

Ion Ratio Lower Upper

73 100

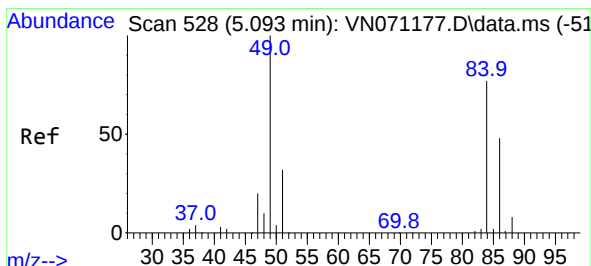
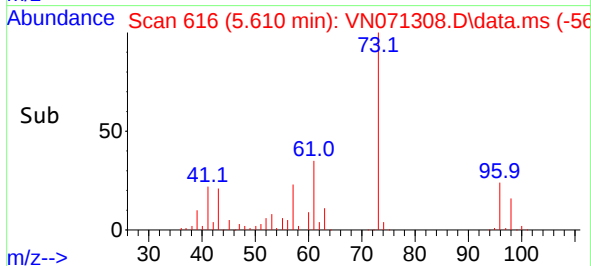
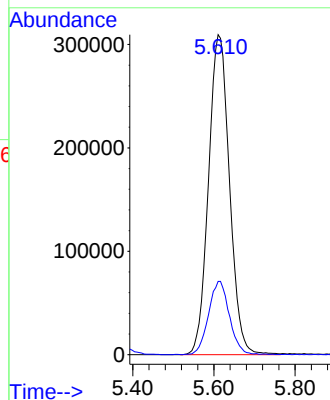
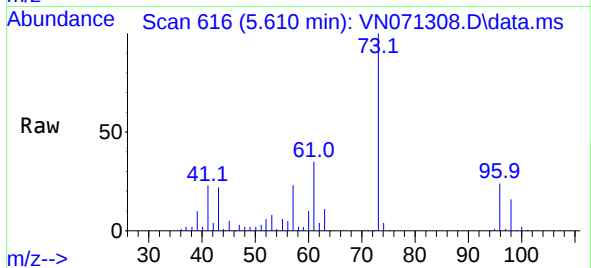
57 22.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#20

Methylene Chloride

Concen: 46.259 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

Tgt Ion: 84 Resp: 352274

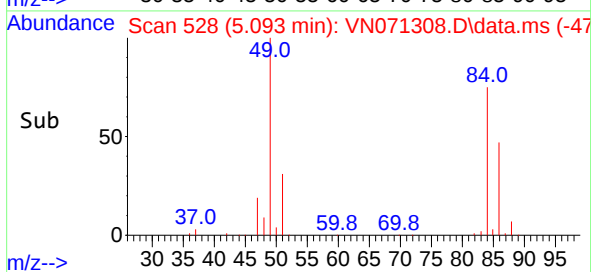
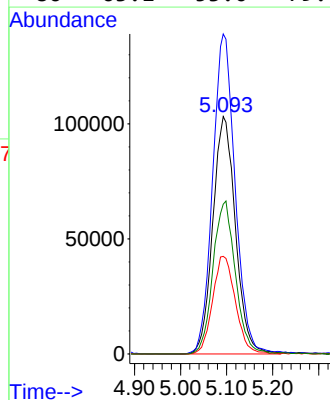
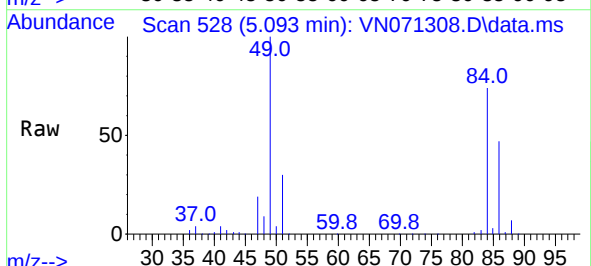
Ion Ratio Lower Upper

84 100

49 134.8 93.5 140.3

51 41.1 29.4 44.2

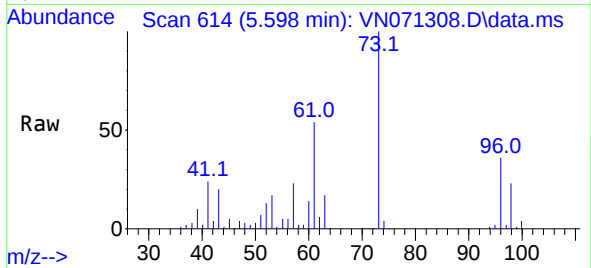
86 63.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 43.613 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

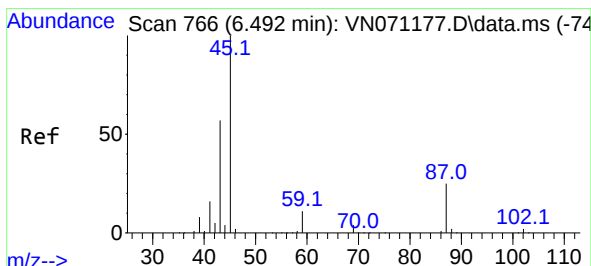
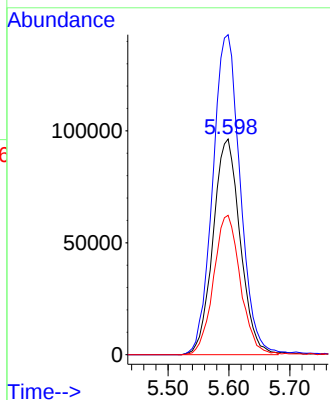
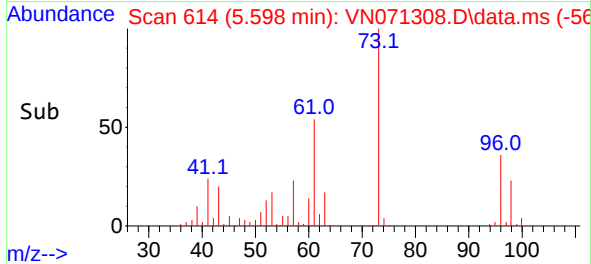
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



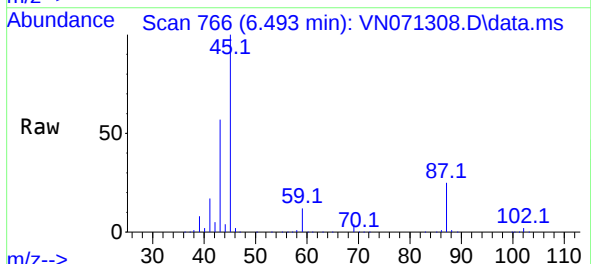
Tgt Ion: 96 Resp: 299000
Ion Ratio Lower Upper
96 100
61 148.3 105.8 158.6
98 64.6 52.0 78.0

Manual Integrations
APPROVED

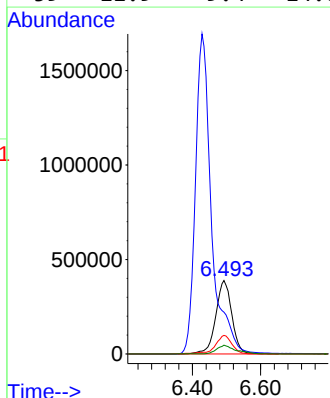
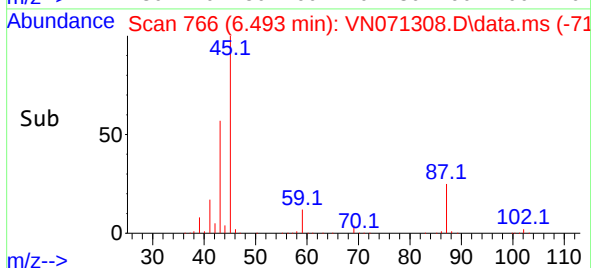
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

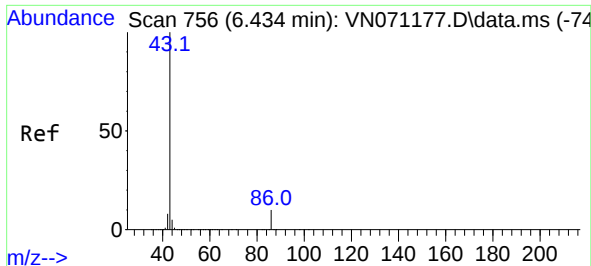


#22
Diisopropyl ether
Concen: 47.238 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



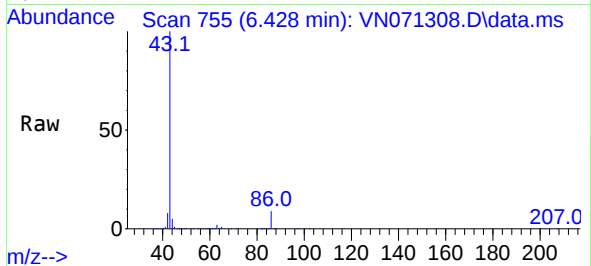
Tgt Ion: 45 Resp: 1268675
Ion Ratio Lower Upper
45 100
43 56.5 51.7 77.5
87 25.2 23.2 34.8
59 11.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 243.184 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071308.D
 Acq: 15 Mar 2022 21:41

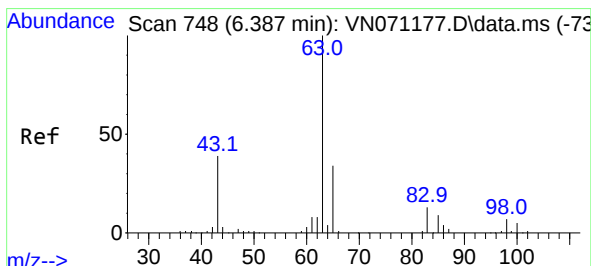
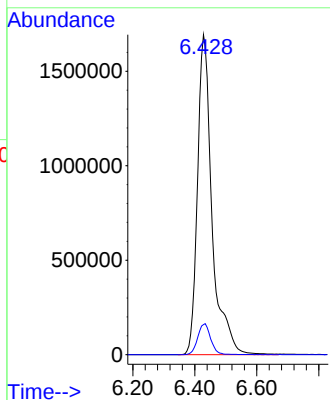
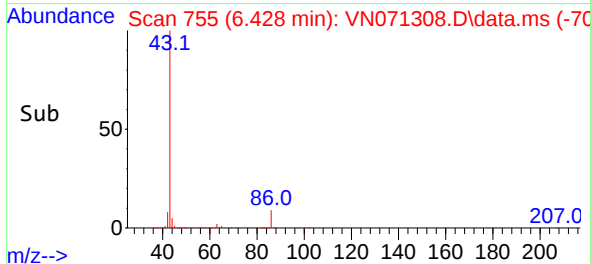
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 5529194
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7

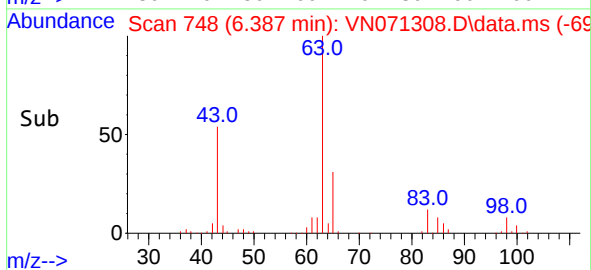
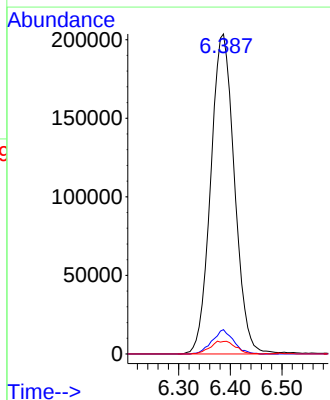
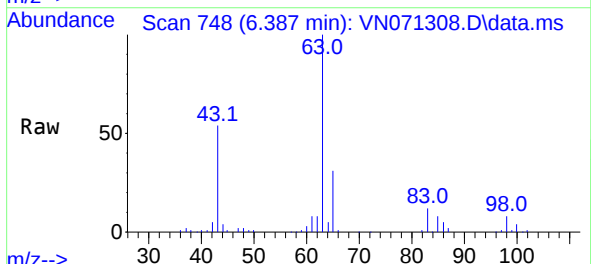
Manual Integrations
 APPROVED

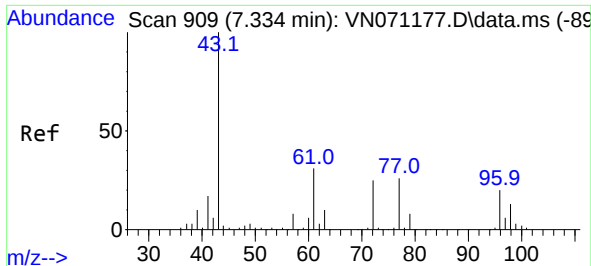
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/16/2022



#24
 1,1-Dichloroethane
 Concen: 45.828 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071308.D
 Acq: 15 Mar 2022 21:41

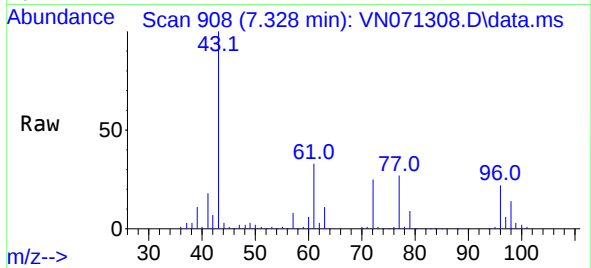
Tgt Ion: 63 Resp: 650378
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 241.033 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

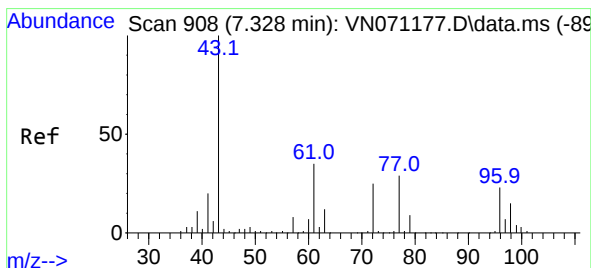
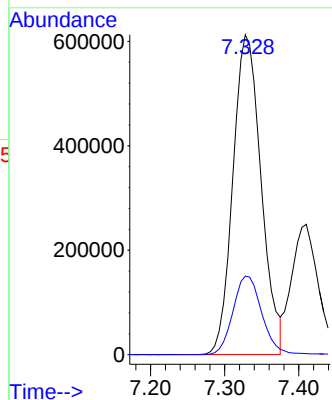
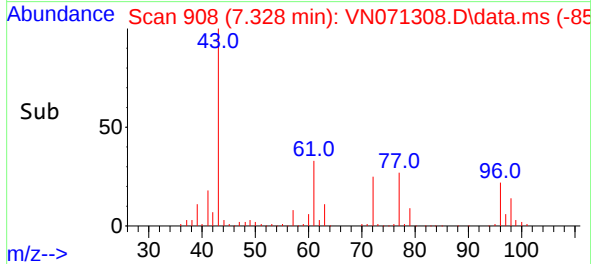
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 161880
Ion Ratio Lower Upper
43 100
72 24.6 21.7 32.5

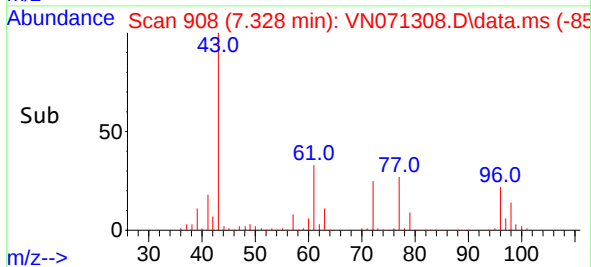
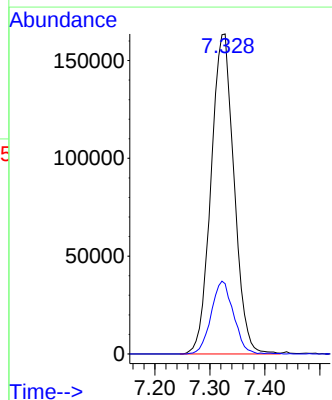
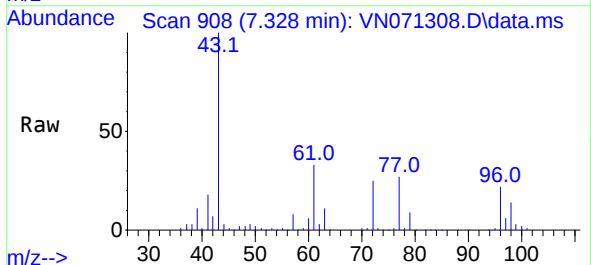
Manual Integrations
APPROVED

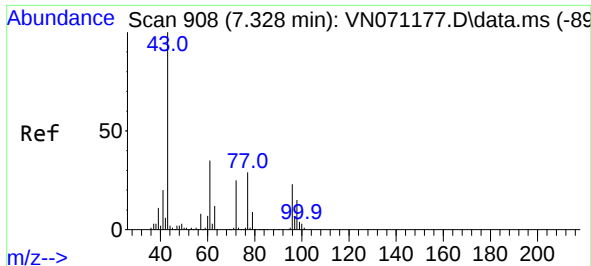
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#26
2,2-Dichloropropane
Concen: 43.468 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion: 77 Resp: 475908
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 45.211 ug/l

RT: 7.322 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 36787

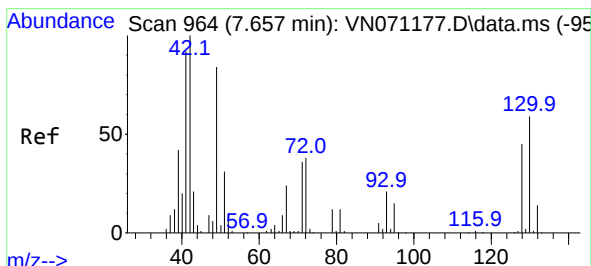
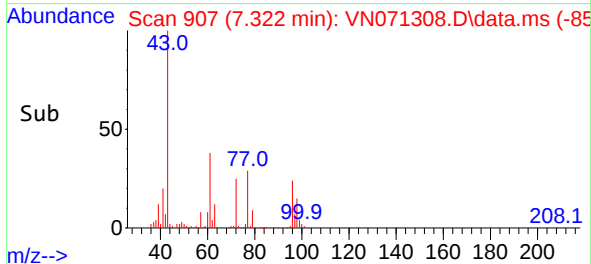
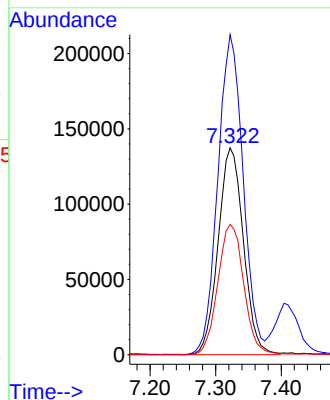
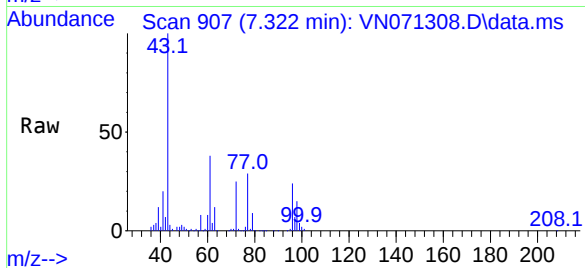
Ion	Ratio	Lower	Upper
96	100		
61	154.8	0.0	275.0
98	64.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#28

Bromochloromethane

Concen: 40.375 ug/l

RT: 7.657 min Scan# 964

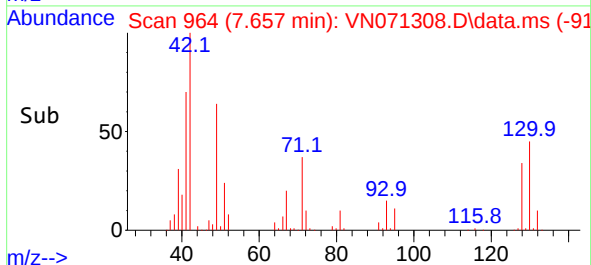
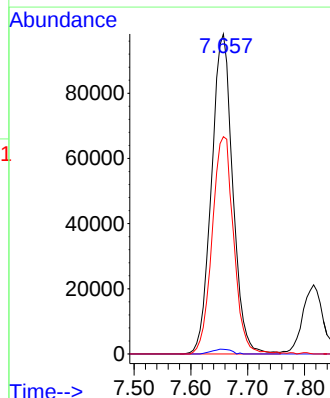
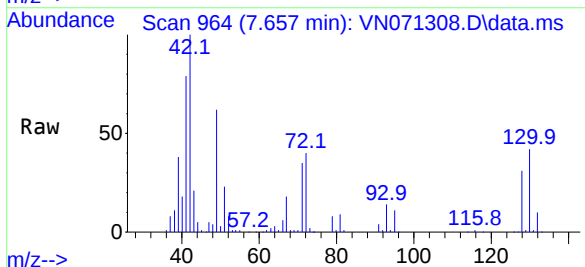
Delta R.T. 0.000 min

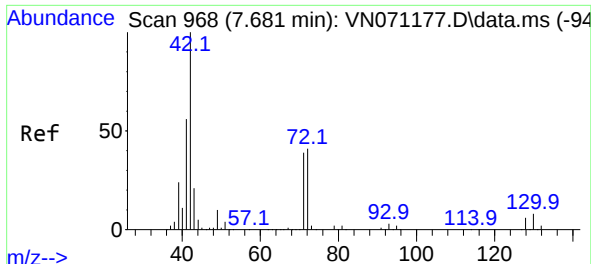
Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

Tgt Ion: 49 Resp: 255160

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	68.8	67.8	101.8





#29

Tetrahydrofuran

Concen: 235.262 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 109461

Ion Ratio Lower Upper

42 100

72 40.2 36.3 54.5

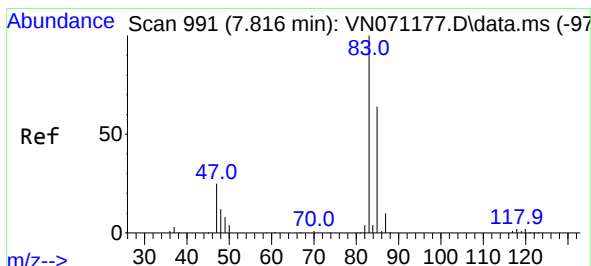
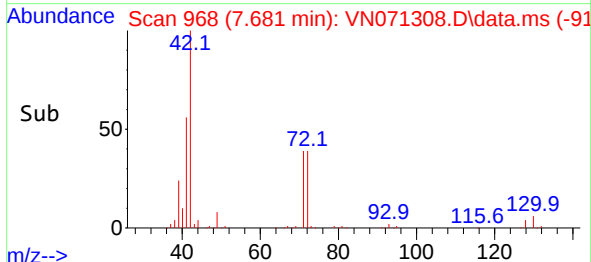
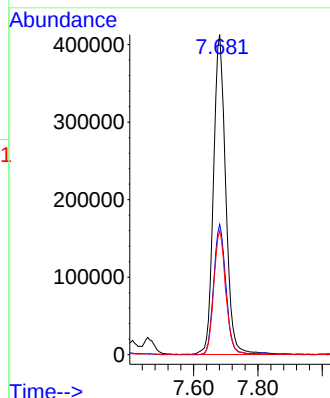
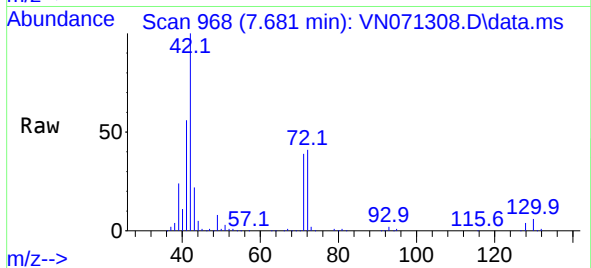
71 37.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#30

Chloroform

Concen: 45.701 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071308.D

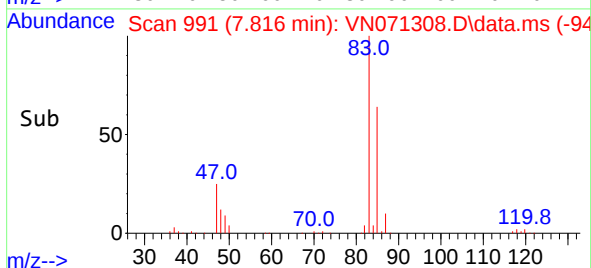
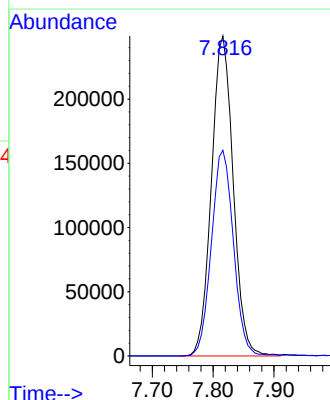
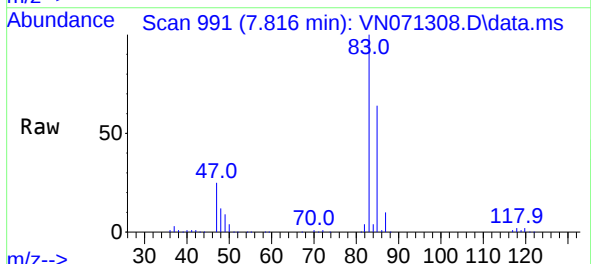
Acq: 15 Mar 2022 21:41

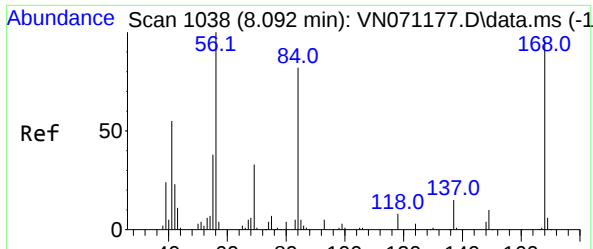
Tgt Ion: 83 Resp: 618583

Ion Ratio Lower Upper

83 100

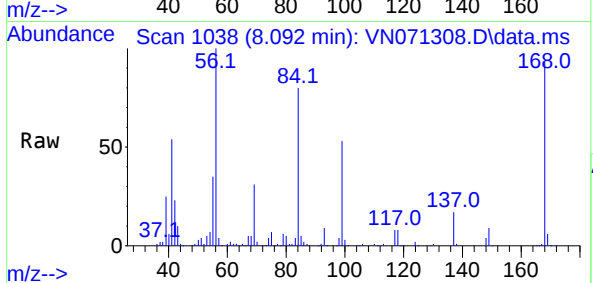
85 64.2 51.9 77.9





#31
Cyclohexane
Concen: 43.214 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

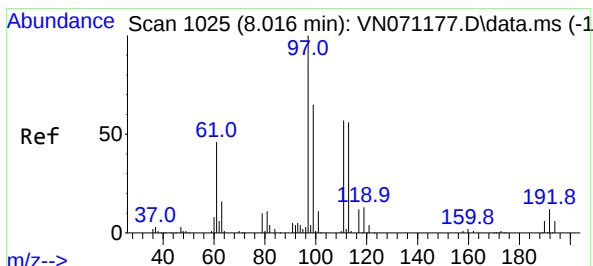
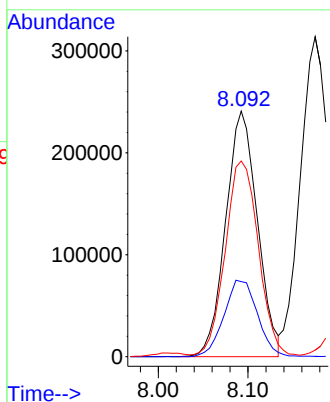
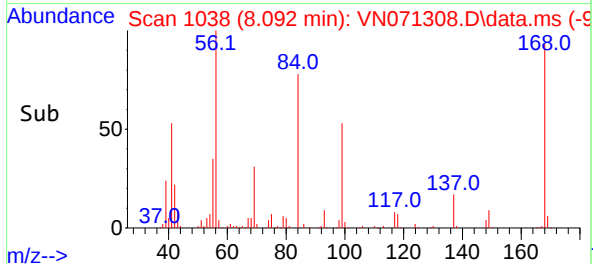
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



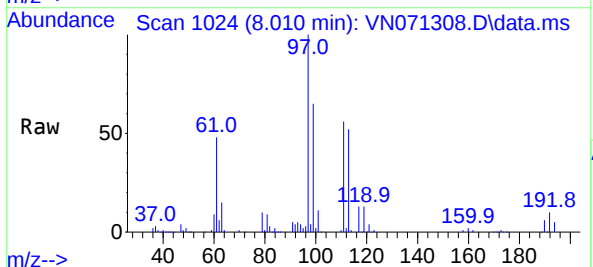
Tgt Ion: 56 Resp: 591315
Ion Ratio Lower Upper
56 100
69 30.5 27.1 40.7
84 78.3 73.4 110.0

Manual Integrations
APPROVED

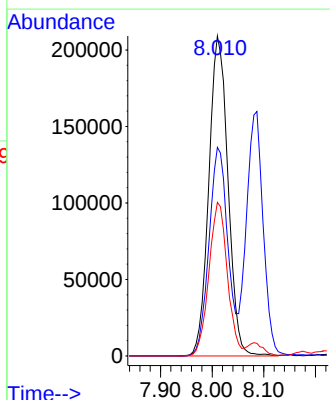
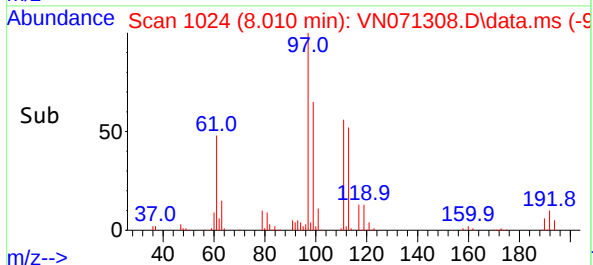
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

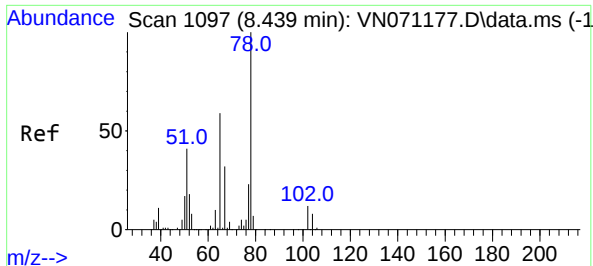


#32
1,1,1-Trichloroethane
Concen: 46.766 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion: 97 Resp: 539205
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 46.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.024 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 402920

Ion Ratio Lower Upper

65 100

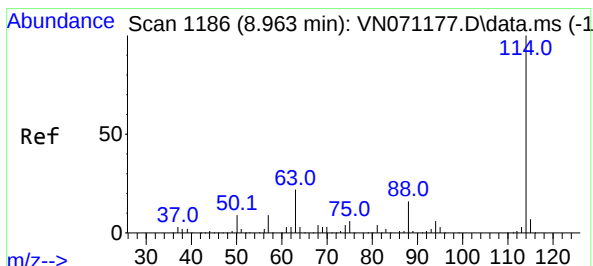
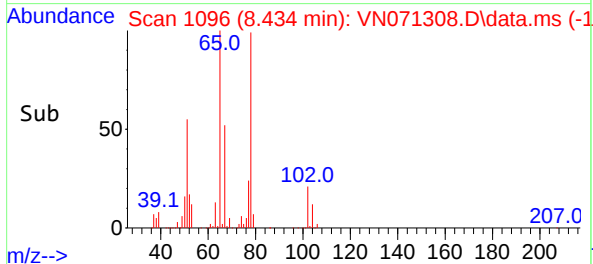
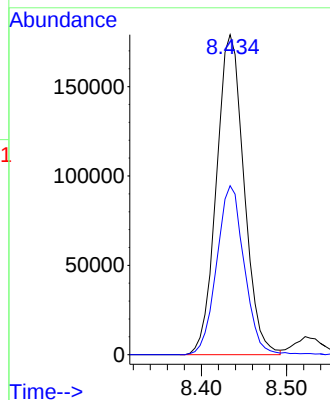
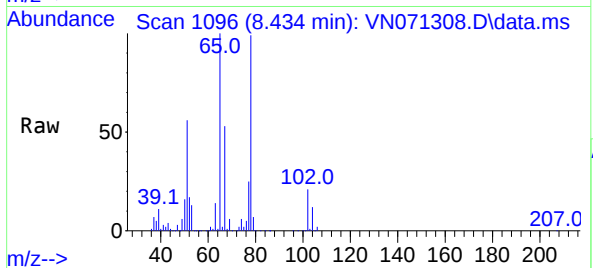
67 52.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071308.D

Acq: 15 Mar 2022 21:41

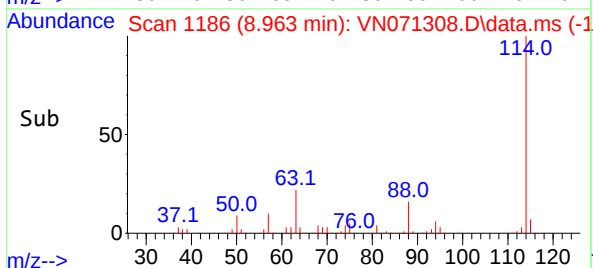
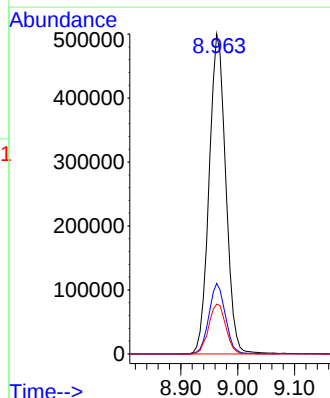
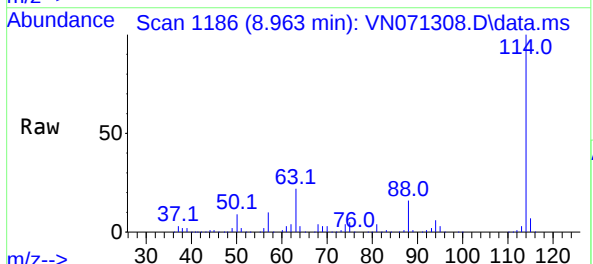
Tgt Ion:114 Resp: 1013991

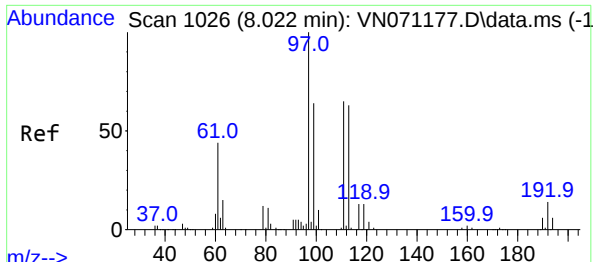
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.8

88 15.6 0.0 27.4





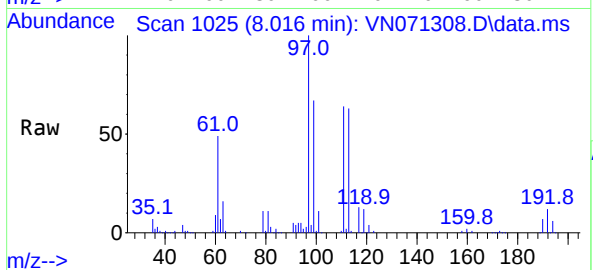
#35
Dibromofluoromethane
Concen: 48.372 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



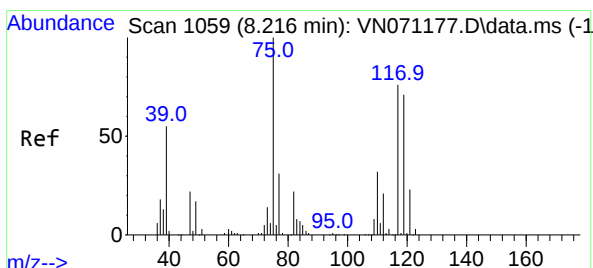
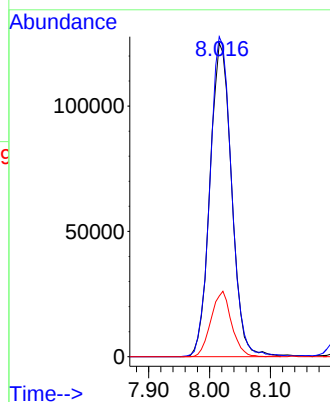
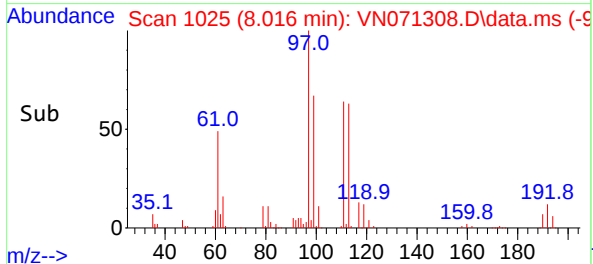
Tgt Ion:113 Resp: 30951
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.7 16.9 25.3

Manual Integrations

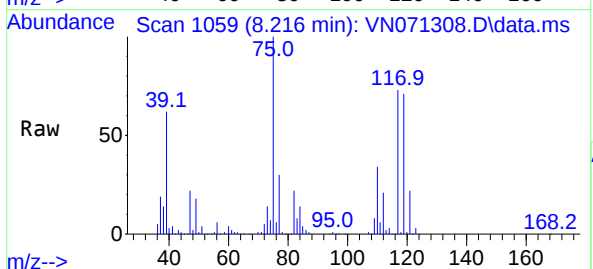
APPROVED

Reviewed By :John Carlone 03/16/2022

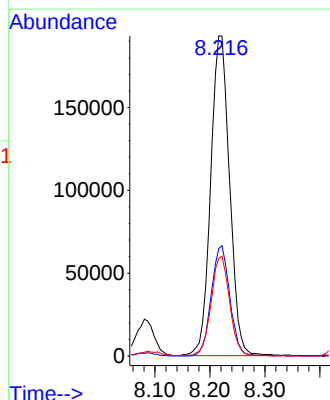
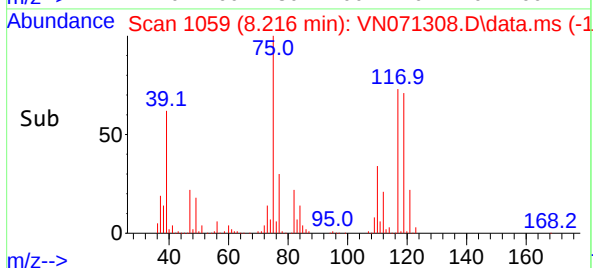
Supervised By :Mahesh Dadoda 03/16/2022

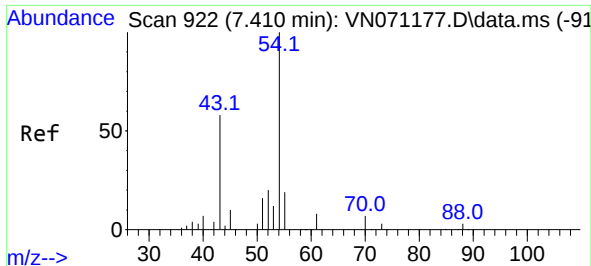


#36
1,1-Dichloropropene
Concen: 44.979 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



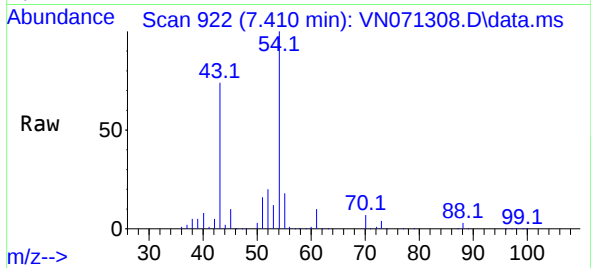
Tgt Ion: 75 Resp: 461121
Ion Ratio Lower Upper
75 100
110 33.7 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 46.045 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

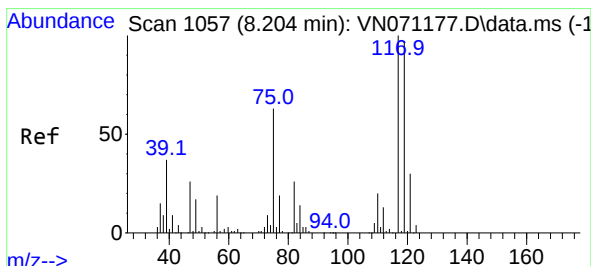
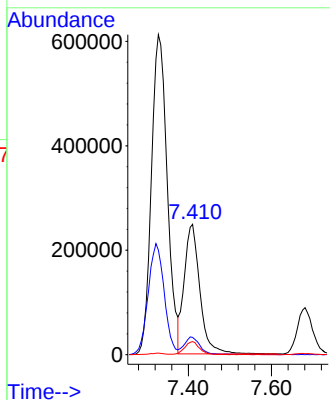
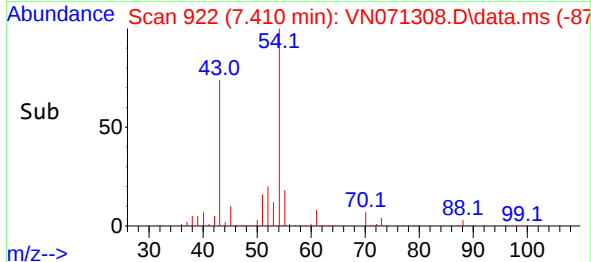
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



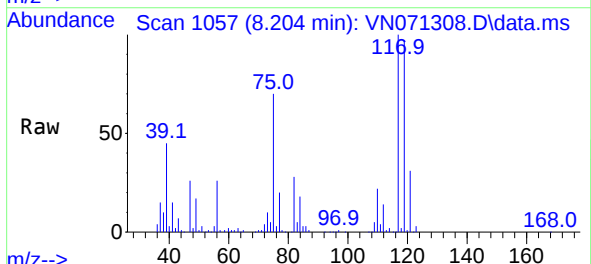
Tgt Ion: 43 Resp: 64966
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 9.3 7.9 11.9

Manual Integrations
APPROVED

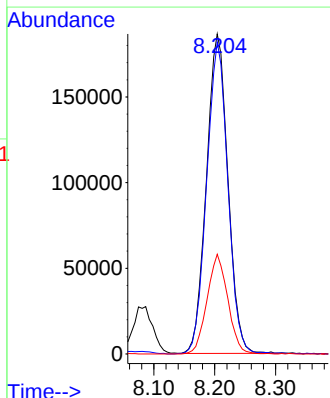
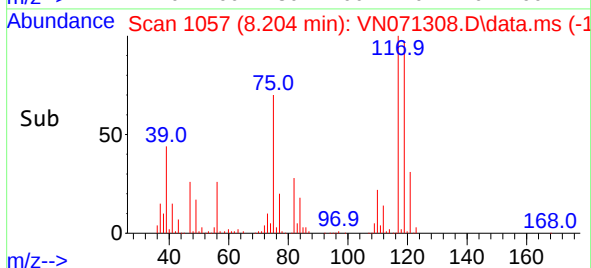
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

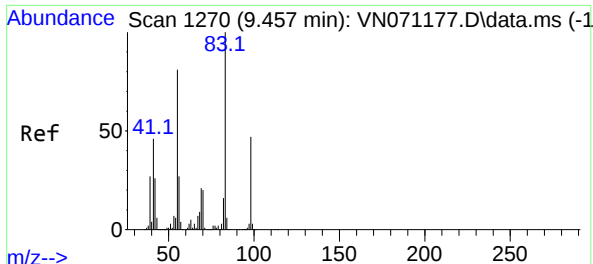


#38
Carbon Tetrachloride
Concen: 46.042 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



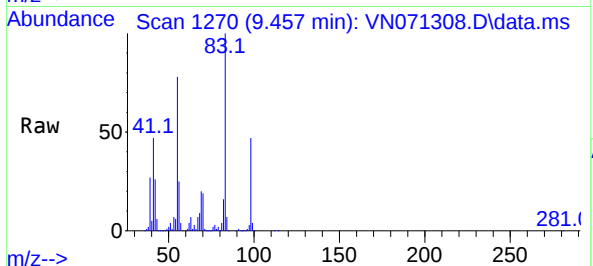
Tgt Ion:117 Resp: 456572
Ion Ratio Lower Upper
117 100
119 97.5 76.1 114.1
121 31.2 24.2 36.2





#39
Methylcyclohexane
Concen: 45.811 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

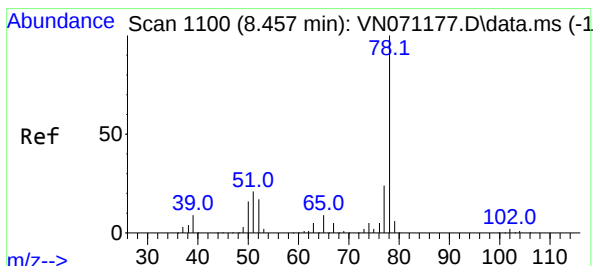
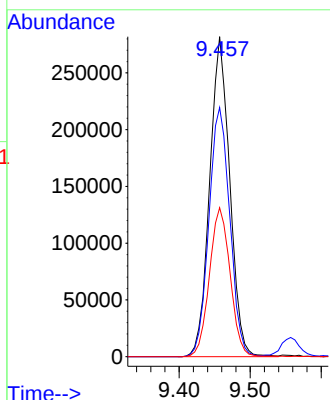
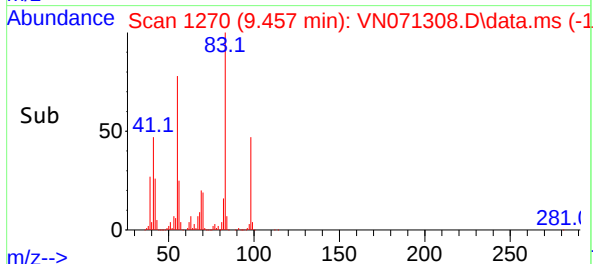
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



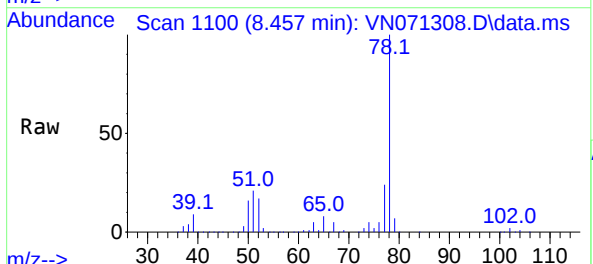
Tgt Ion: 83 Resp: 552512
Ion Ratio Lower Upper
83 100
55 77.9 58.1 87.1
98 46.6 38.4 57.6

Manual Integrations
APPROVED

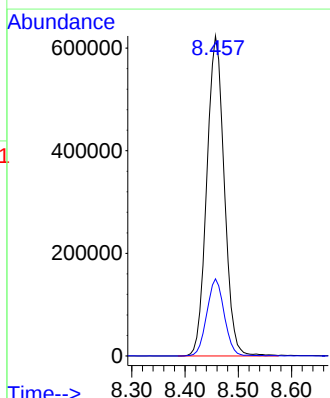
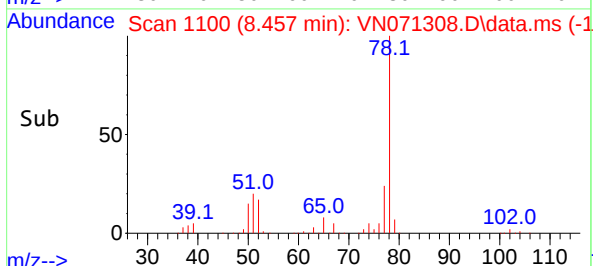
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#40
Benzene
Concen: 46.061 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion: 78 Resp: 1422767
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





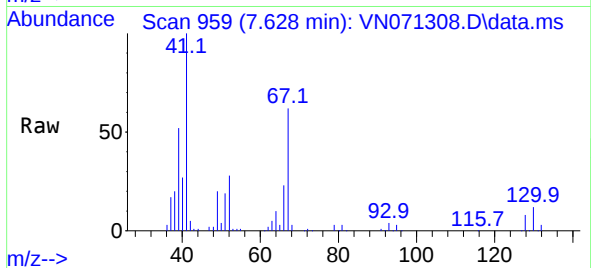
#41
Methacrylonitrile
Concen: 49.673 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



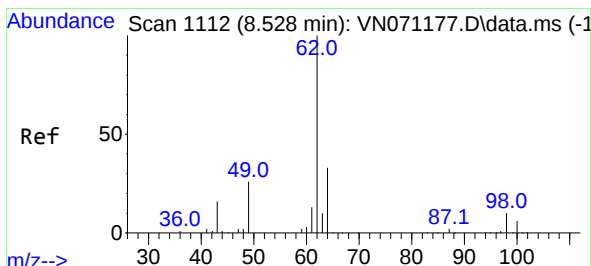
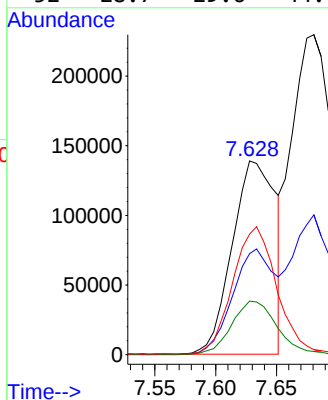
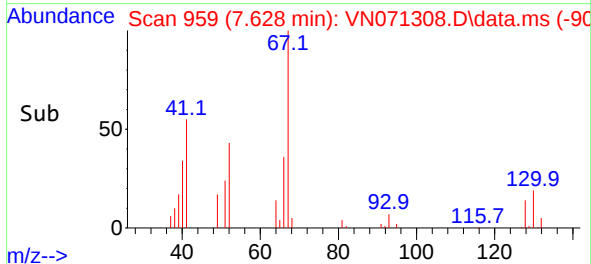
Tgt Ion: 41 Resp: 34298
Ion Ratio Lower Upper
41 100
39 53.0 48.1 72.1
67 68.4 68.3 102.5
52 28.7 29.6 44.4#

Manual Integrations

APPROVED

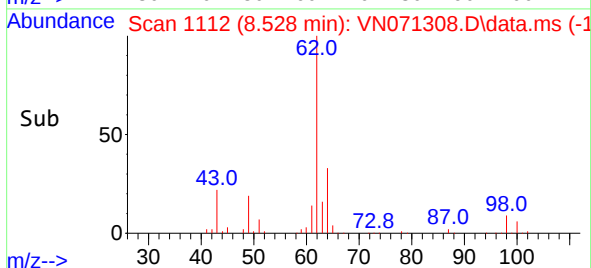
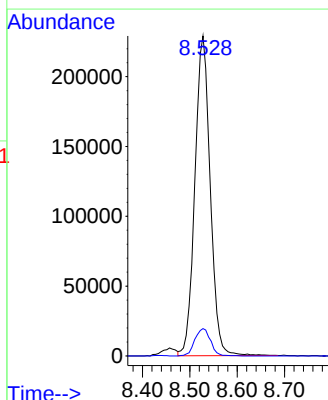
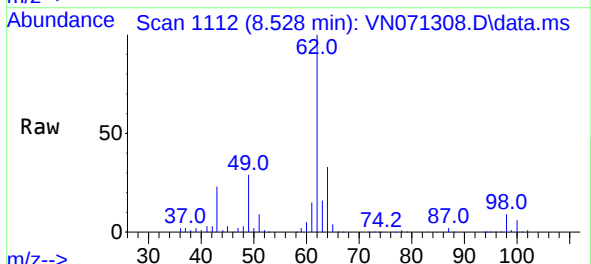
Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#42
1,2-Dichloroethane
Concen: 47.965 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

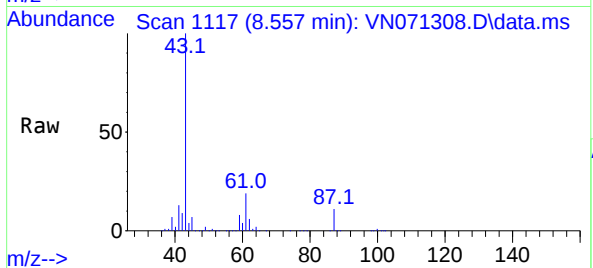
Tgt Ion: 62 Resp: 515566
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.247 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

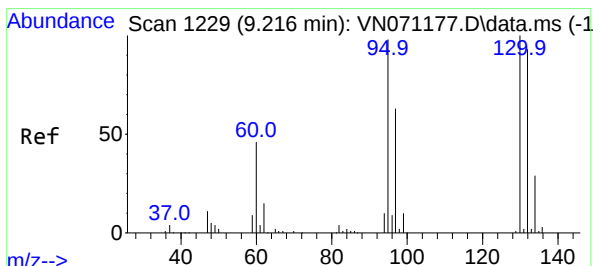
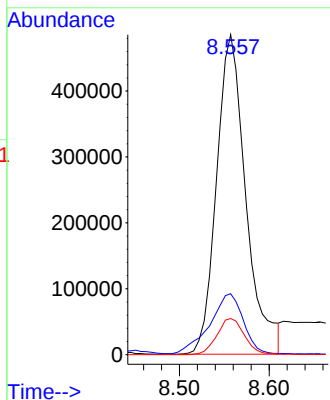
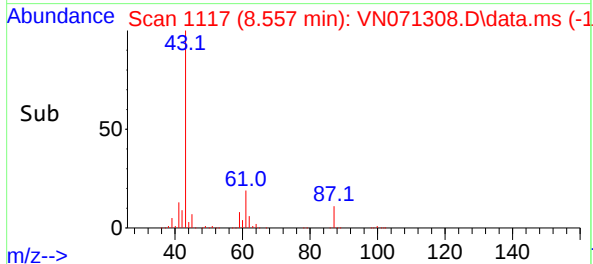
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1102368
Ion Ratio Lower Upper
43 100
61 21.7 20.4 30.6
87 10.7 11.2 16.8

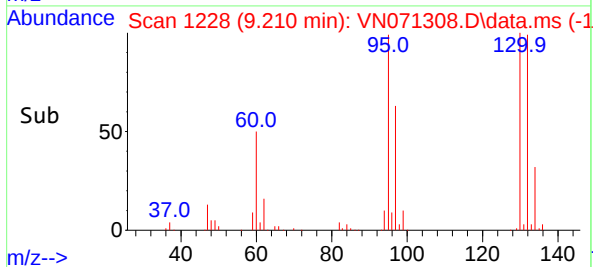
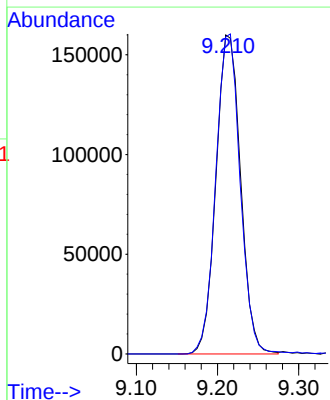
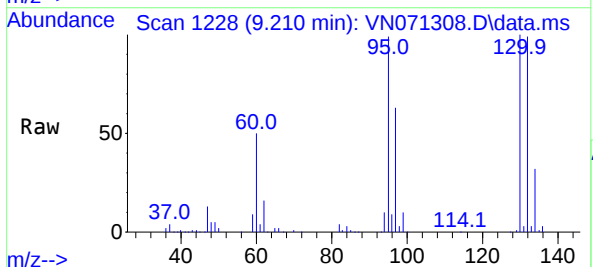
Manual Integrations
APPROVED

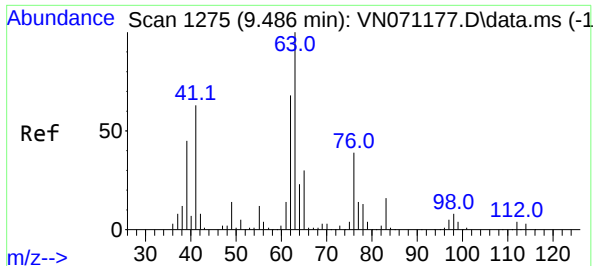
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#44
Trichloroethene
Concen: 46.132 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion:130 Resp: 336217
Ion Ratio Lower Upper
130 100
95 99.4 0.0 191.2





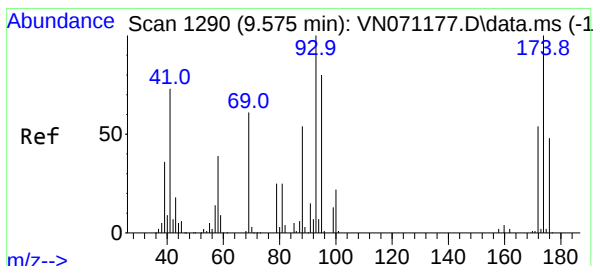
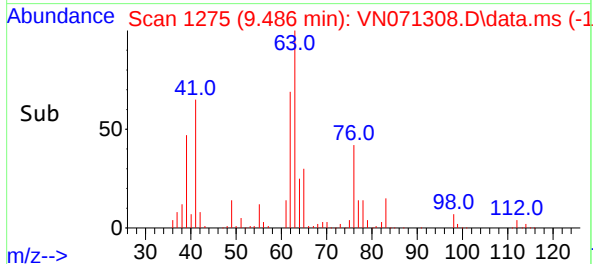
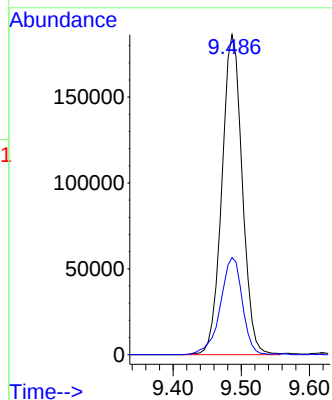
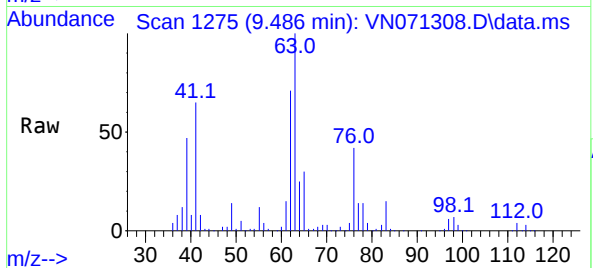
#45
1,2-Dichloropropane
Concen: 46.680 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 38706
Ion Ratio Lower Upper
63 100
65 30.4 24.7 37.1

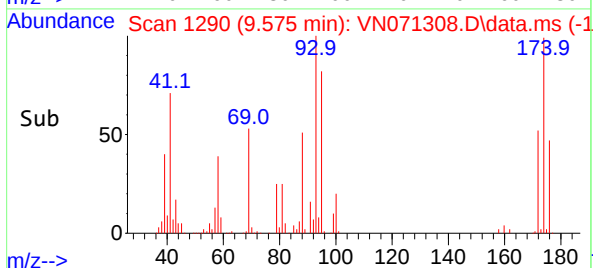
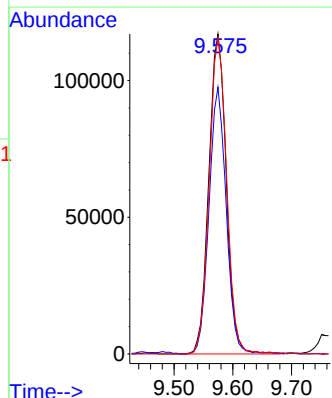
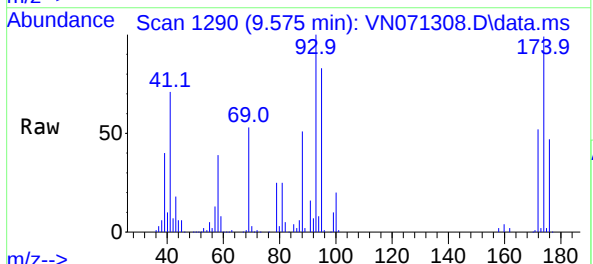
Manual Integrations
APPROVED

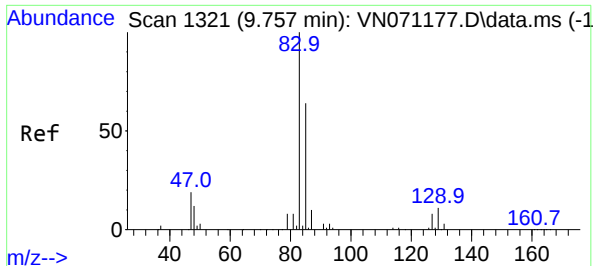
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#46
Dibromomethane
Concen: 47.327 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

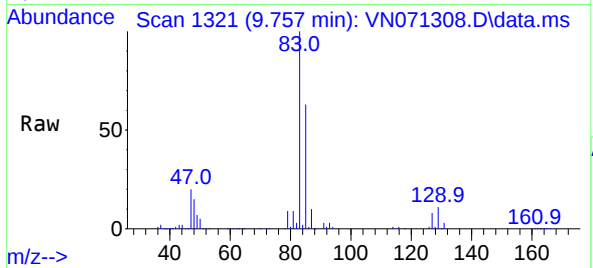
Tgt Ion: 93 Resp: 241535
Ion Ratio Lower Upper
93 100
95 82.1 65.9 98.9
174 98.5 84.6 127.0





#47
Bromodichloromethane
Concen: 48.441 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

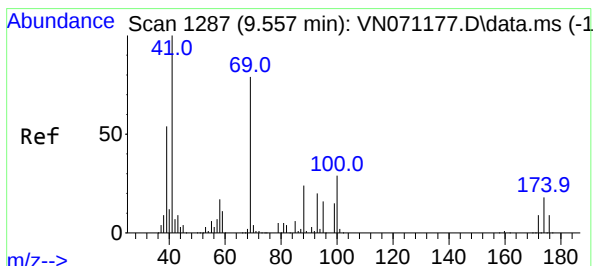
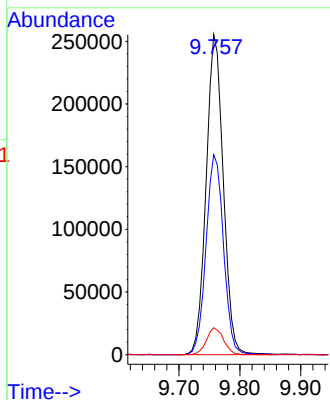
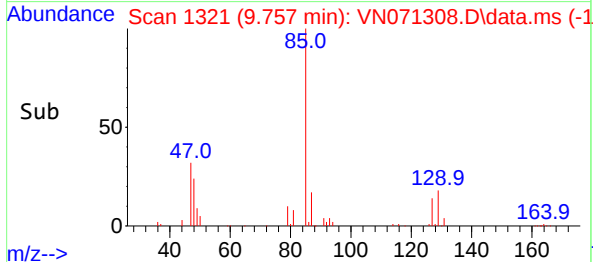
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



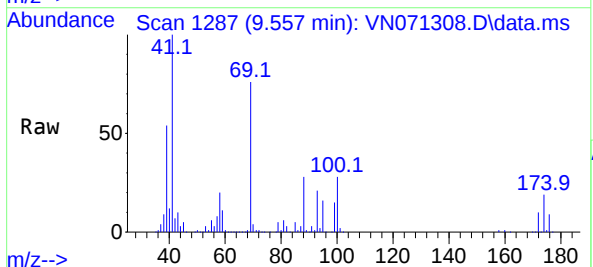
Tgt Ion: 83 Resp: 49961
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations
APPROVED

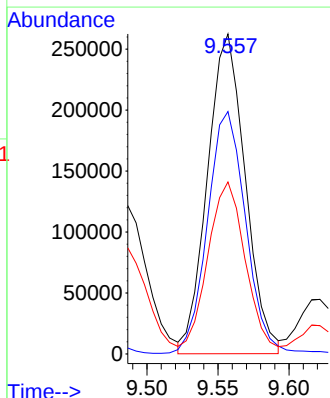
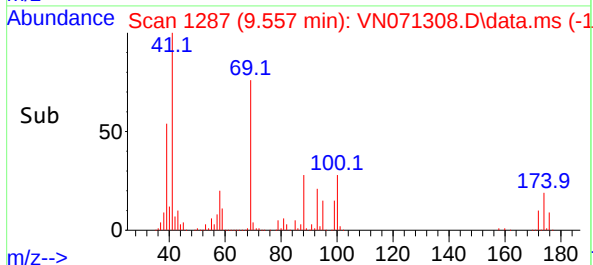
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

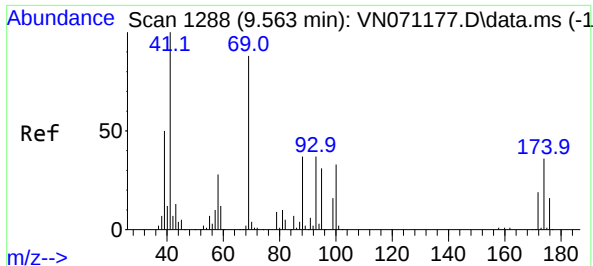


#48
Methyl methacrylate
Concen: 49.709 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



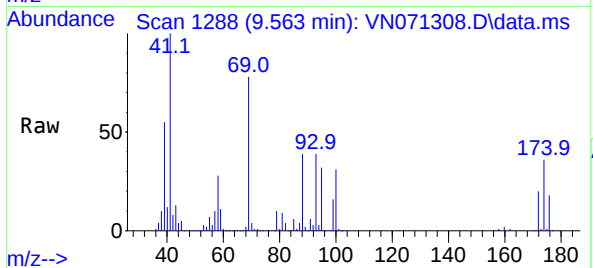
Tgt Ion: 41 Resp: 486042
Ion Ratio Lower Upper
41 100
69 76.8 72.4 108.6
39 53.5 58.4 87.6#





#49
1,4-Dioxane
Concen: 1013.064 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

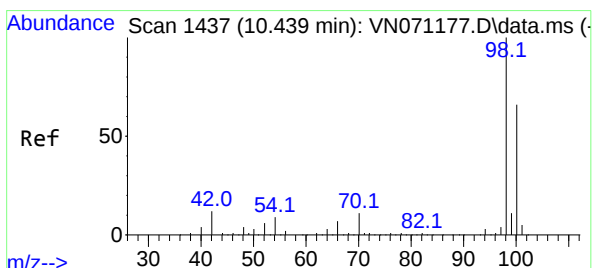
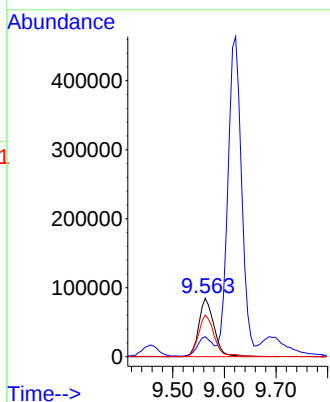
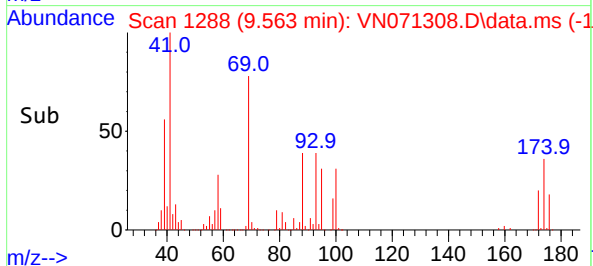
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 172179
Ion Ratio Lower Upper
88 100
43 31.5 23.4 35.2
58 75.2 50.6 75.8

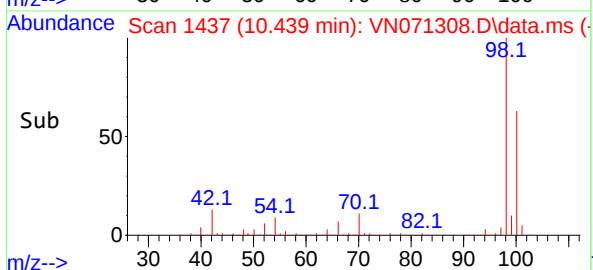
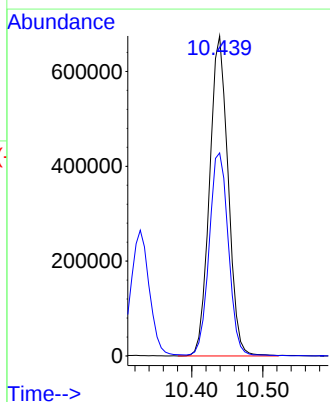
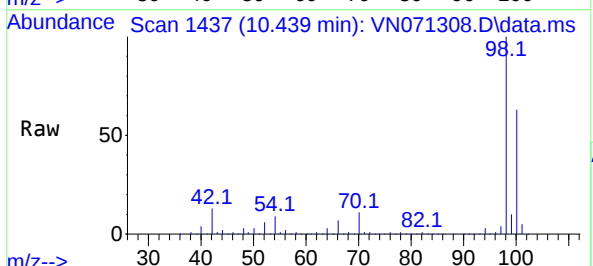
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#50
Toluene-d8
Concen: 47.438 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion: 98 Resp: 1222136
Ion Ratio Lower Upper
98 100
100 65.8 50.4 75.6





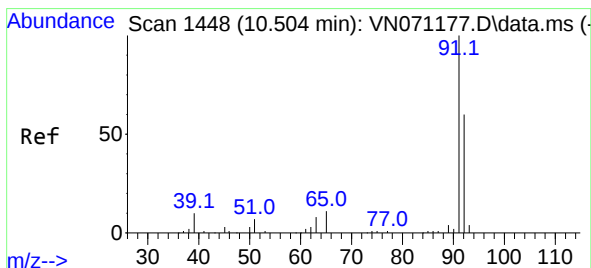
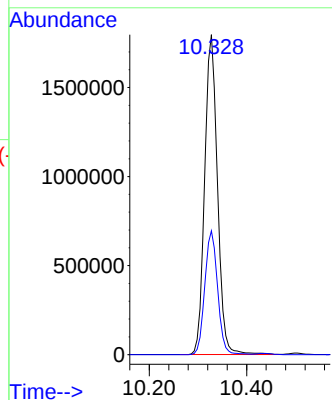
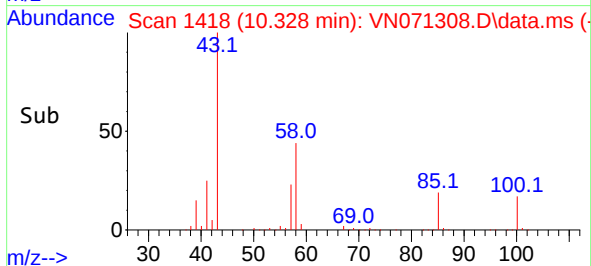
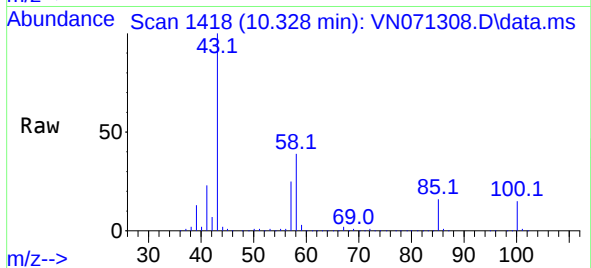
#51
4-Methyl-2-Pentanone
Concen: 250.169 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 327578
Ion Ratio Lower Upper
43 100
58 38.6 30.4 45.6

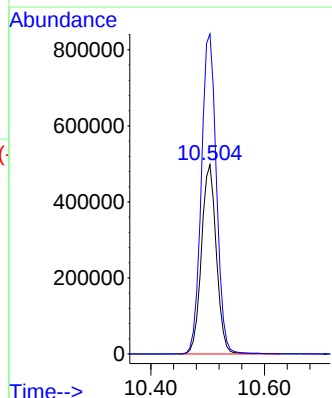
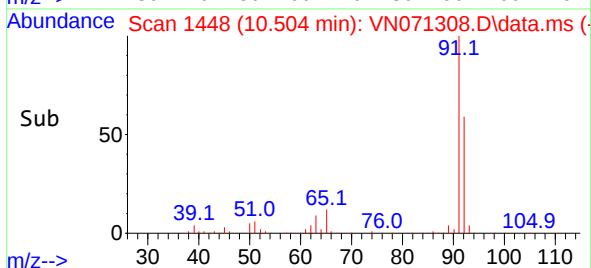
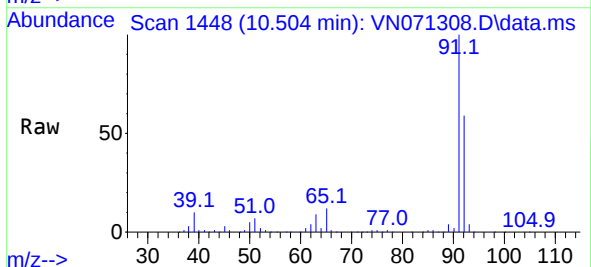
Manual Integrations
APPROVED

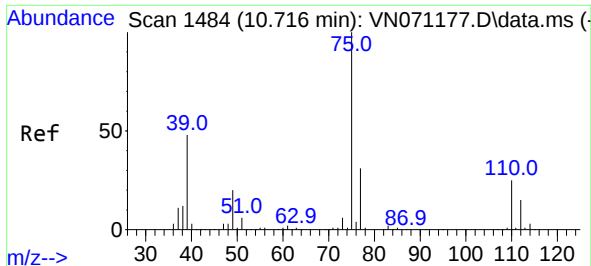
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#52
Toluene
Concen: 47.572 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion: 92 Resp: 904834
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 48.101 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

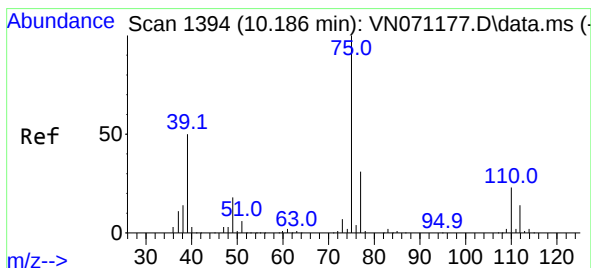
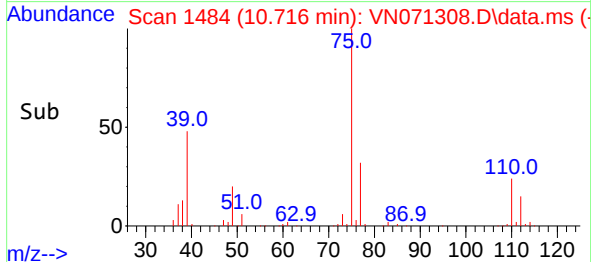
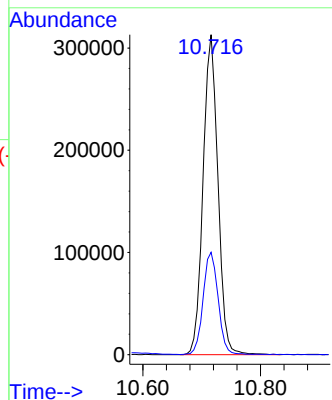
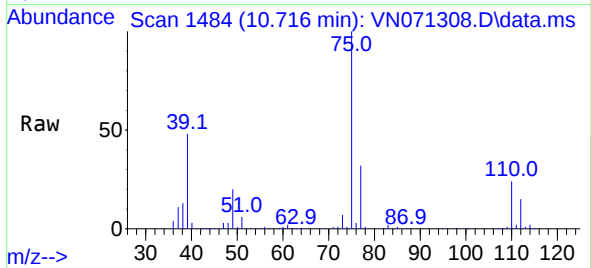
VSTDCCC050EC

Tgt Ion: 75 Resp: 546874
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

Manual Integrations

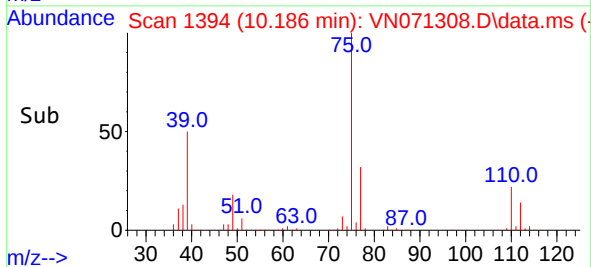
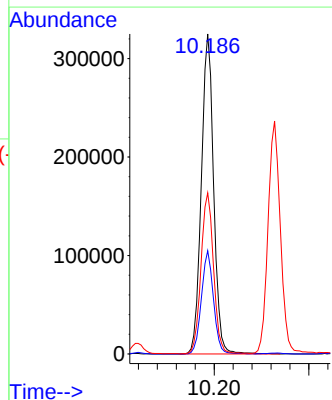
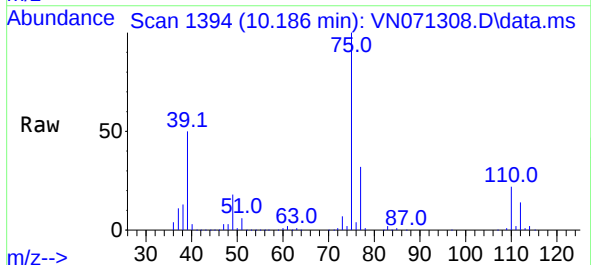
APPROVED

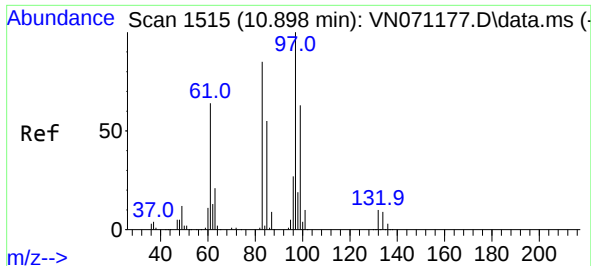
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#54
cis-1,3-Dichloropropene
Concen: 47.301 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

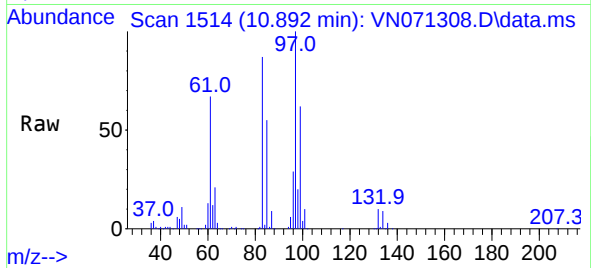
Tgt Ion: 75 Resp: 587601
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
39 50.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 46.993 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

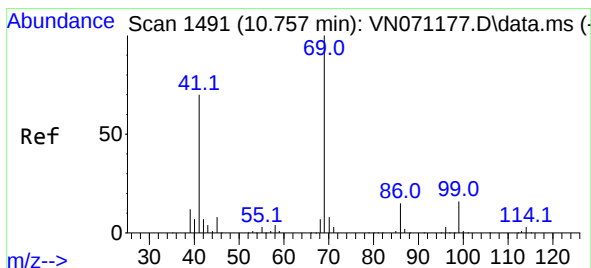
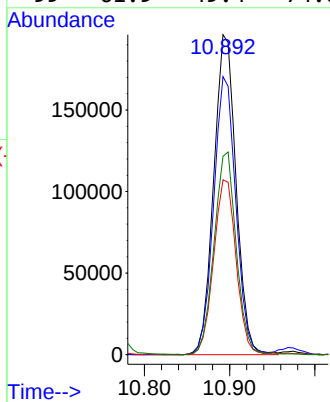
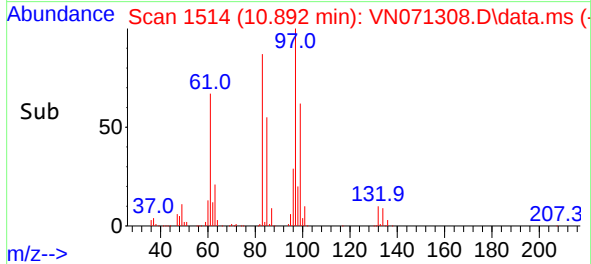
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



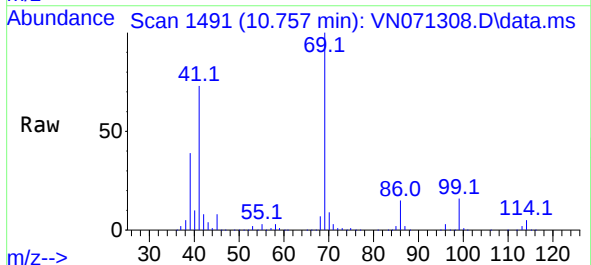
Tgt Ion: 97 Resp: 358160
Ion Ratio Lower Upper
97 100
83 86.9 67.8 101.6
85 54.7 45.4 68.2
99 61.9 49.4 74.0

Manual Integrations
APPROVED

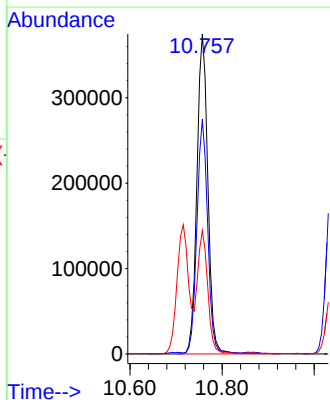
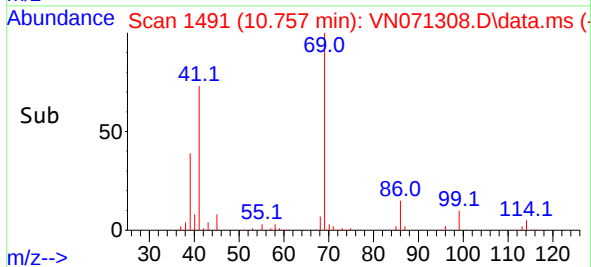
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

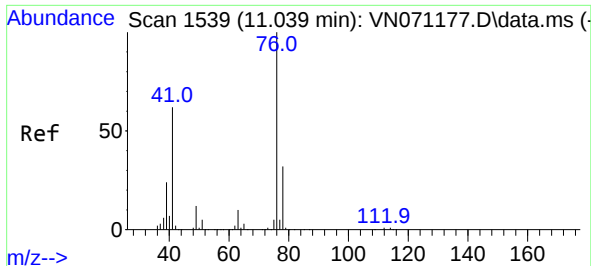


#56
Ethyl methacrylate
Concen: 49.684 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



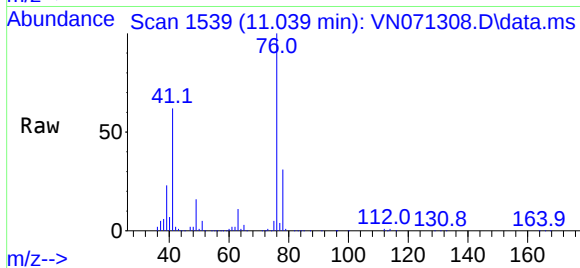
Tgt Ion: 69 Resp: 618413
Ion Ratio Lower Upper
69 100
41 71.2 51.4 77.0
39 34.8 34.6 52.0





#57
1,3-Dichloropropane
Concen: 46.941 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

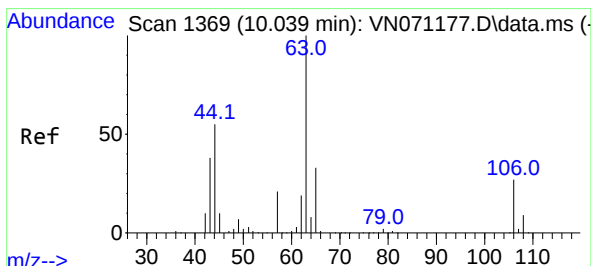
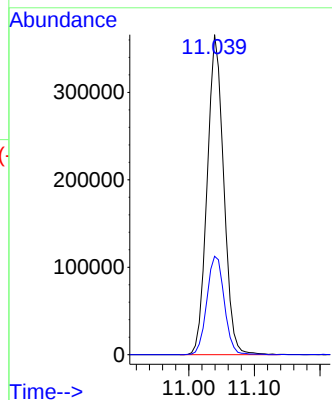
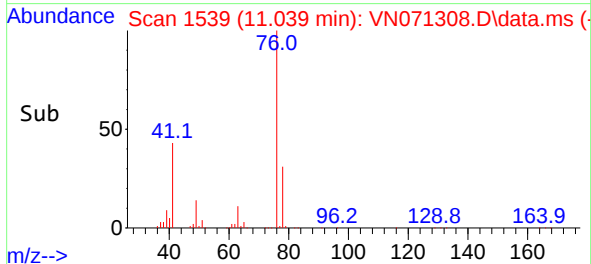
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



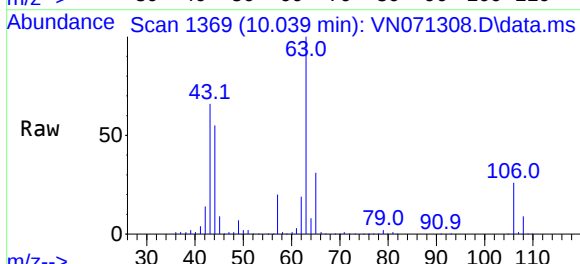
Tgt Ion: 76 Resp: 642183
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

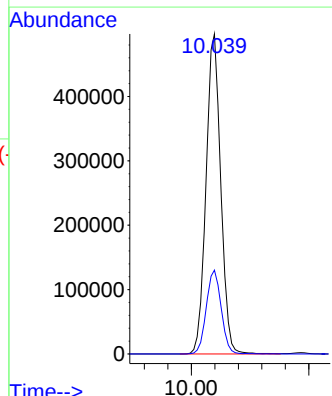
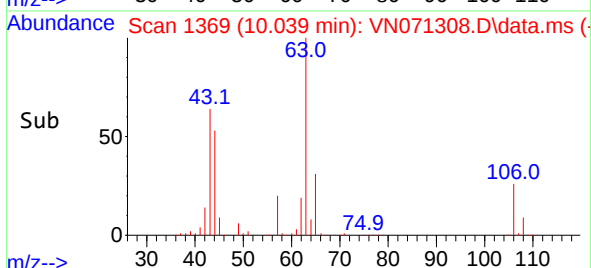
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

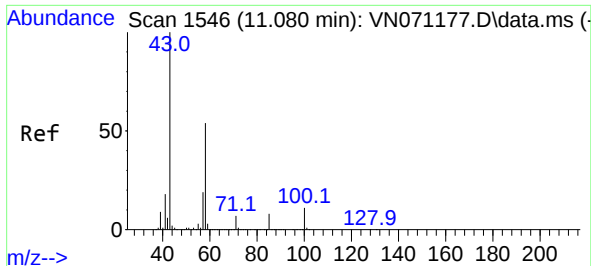


#58
2-Chloroethyl Vinyl ether
Concen: 321.490 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



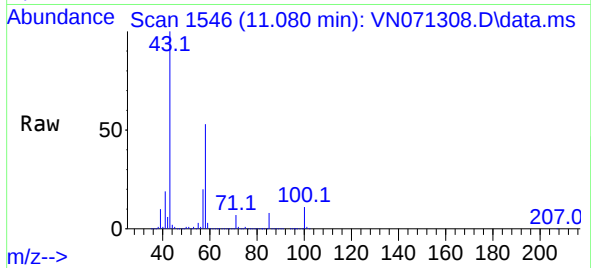
Tgt Ion: 63 Resp: 864152
Ion Ratio Lower Upper
63 100
106 26.6 23.9 35.9





#59
2-Hexanone
Concen: 268.688 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

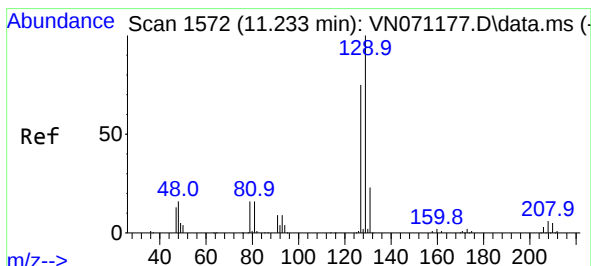
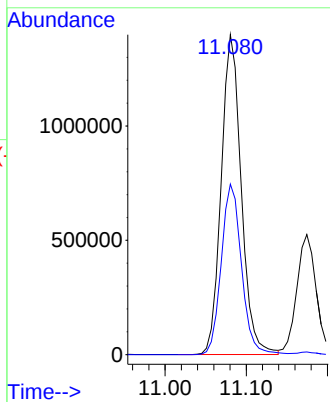
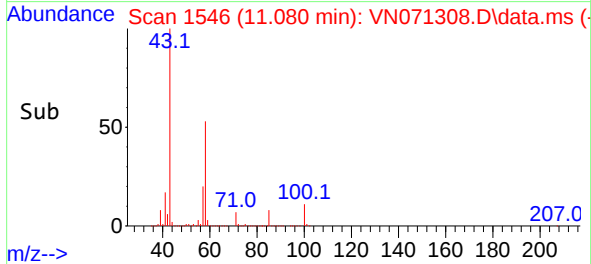
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2400556
Ion Ratio Lower Upper
43 100
58 53.9 26.9 80.7

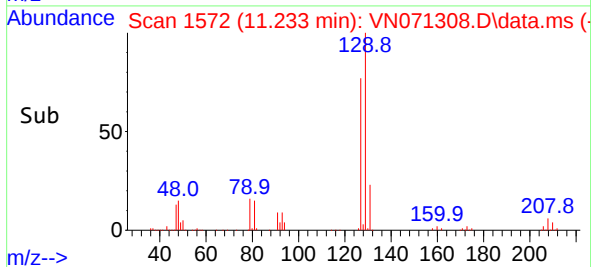
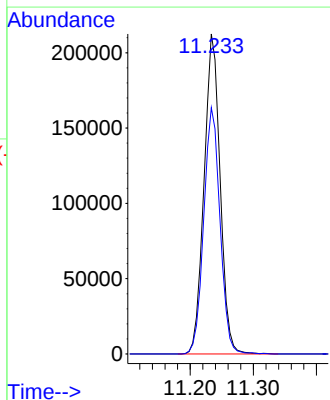
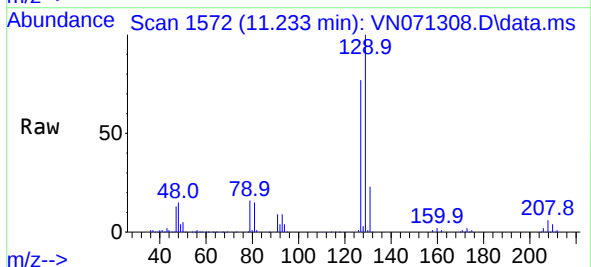
Manual Integrations
APPROVED

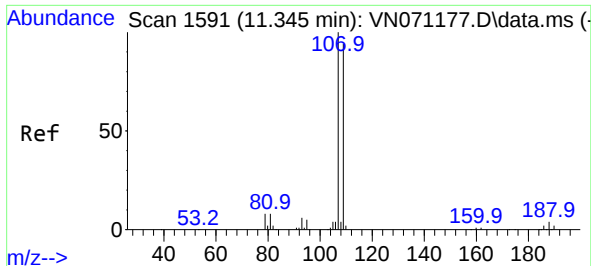
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#60
Dibromochloromethane
Concen: 49.461 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

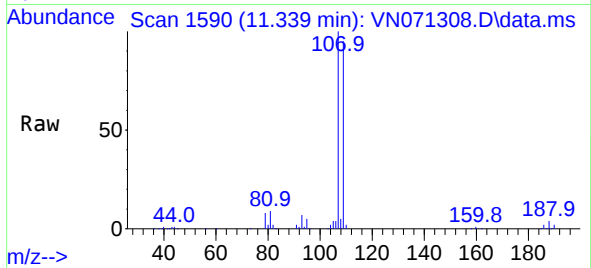
Tgt Ion:129 Resp: 374566
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.801 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

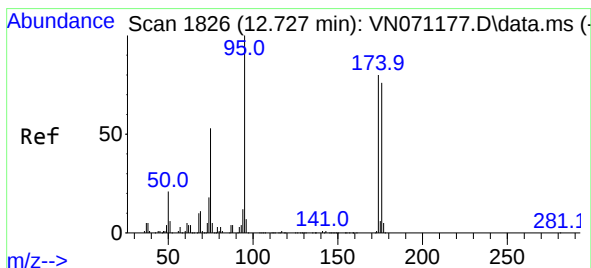
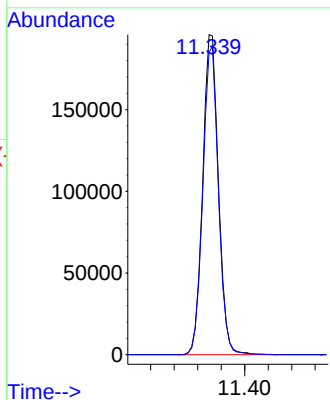
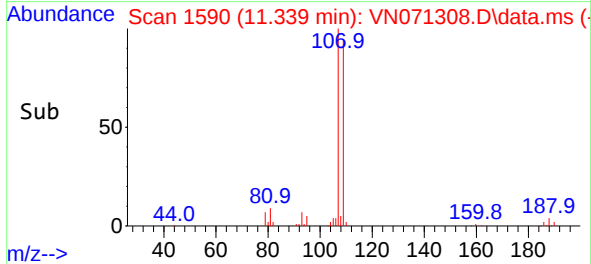
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 36456
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

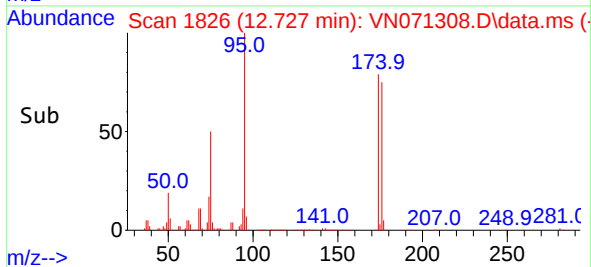
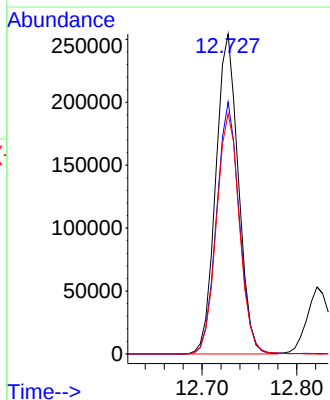
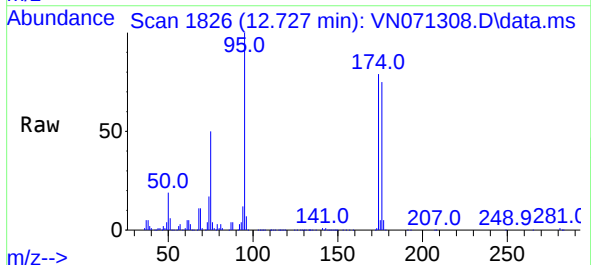
Manual Integrations
APPROVED

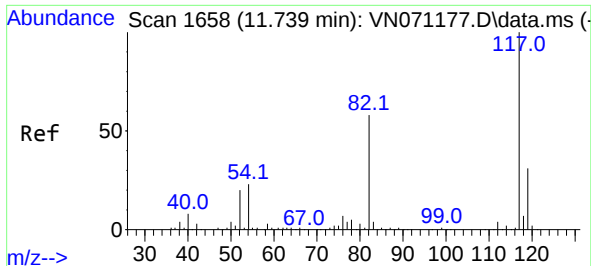
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#62
4-Bromofluorobenzene
Concen: 48.154 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

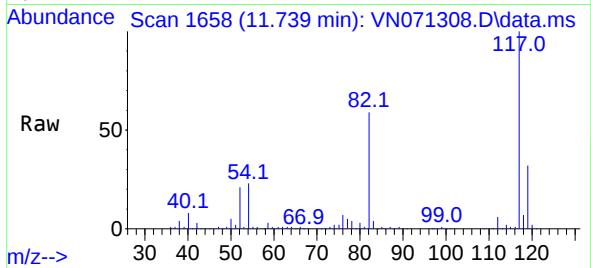
Tgt Ion: 95 Resp: 420095
Ion Ratio Lower Upper
95 100
174 79.3 0.0 187.2
176 76.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

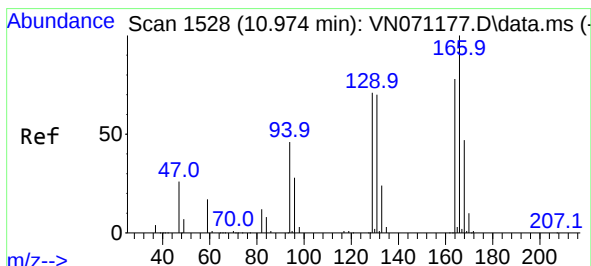
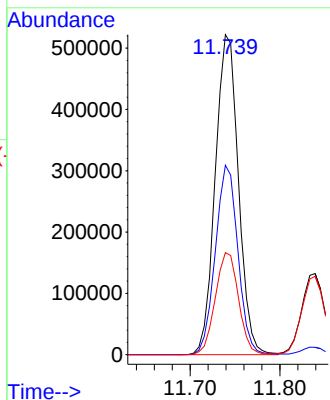
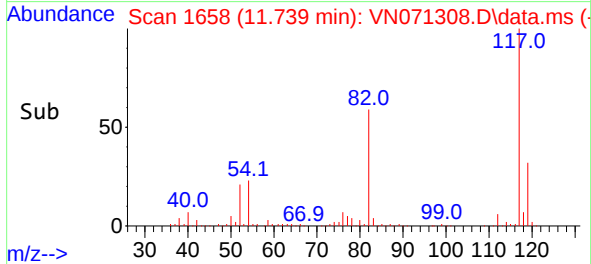
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



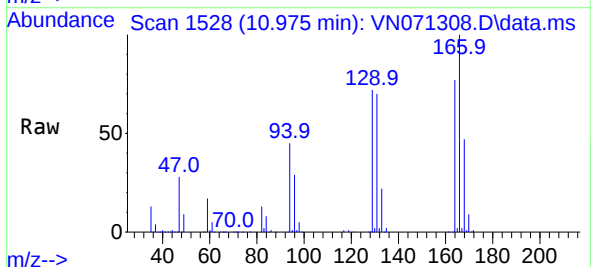
Tgt Ion:117 Resp: 936679
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
APPROVED

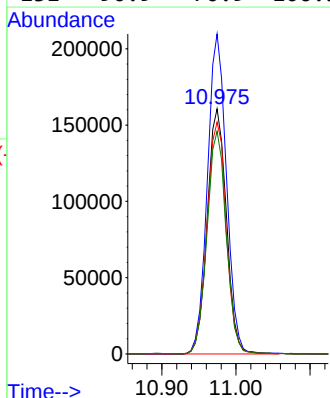
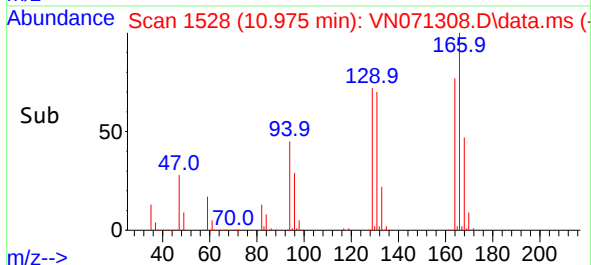
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#64
Tetrachloroethene
Concen: 44.332 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion:164 Resp: 289610
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 94.6 72.0 108.0
131 90.9 70.9 106.3





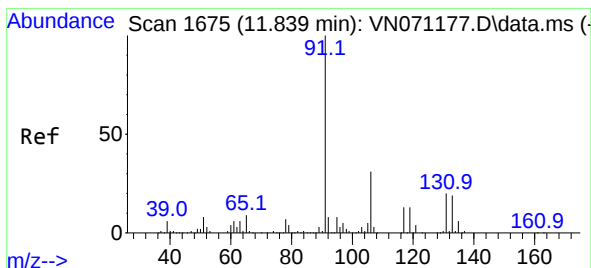
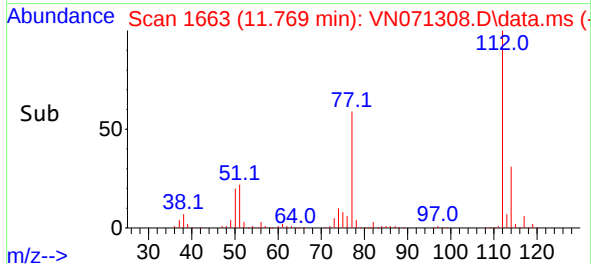
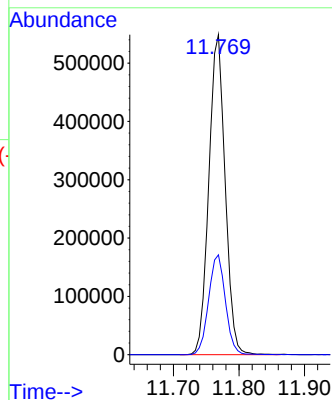
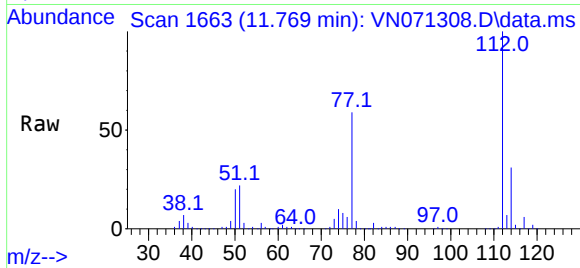
#65
Chlorobenzene
Concen: 47.143 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 948312
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

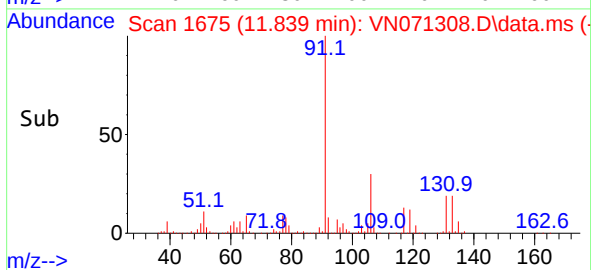
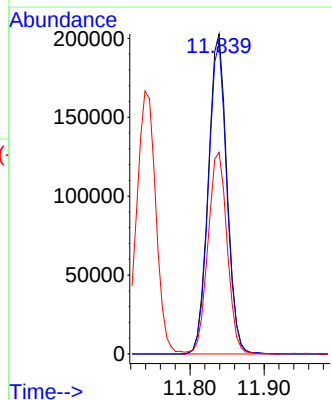
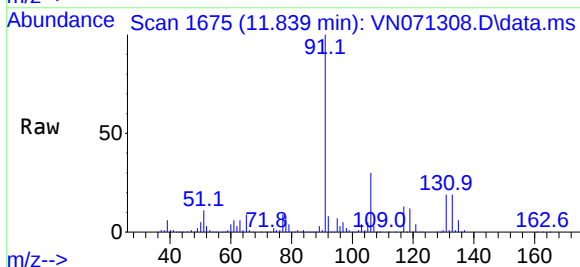
Manual Integrations
APPROVED

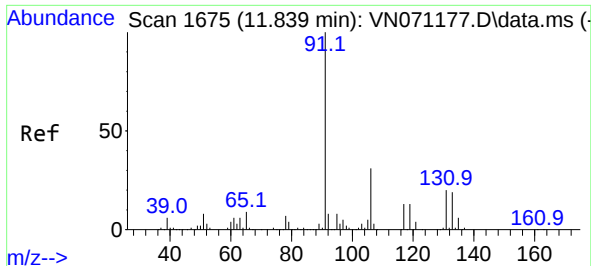
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.960 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion:131 Resp: 353751
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 64.8 32.1 96.5





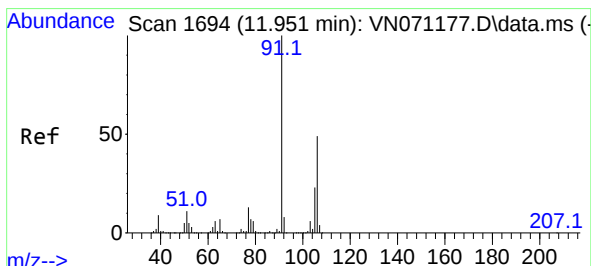
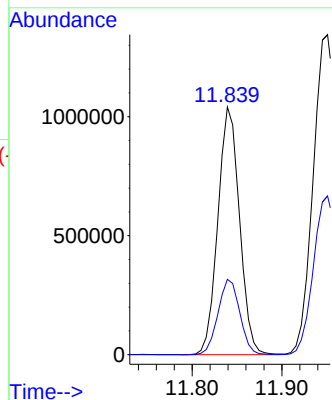
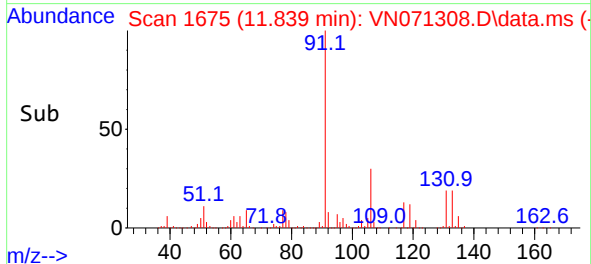
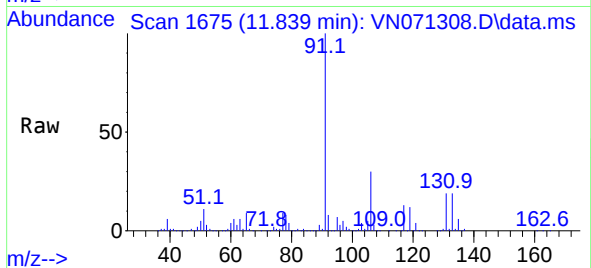
#67
Ethyl Benzene
Concen: 49.019 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 174344
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

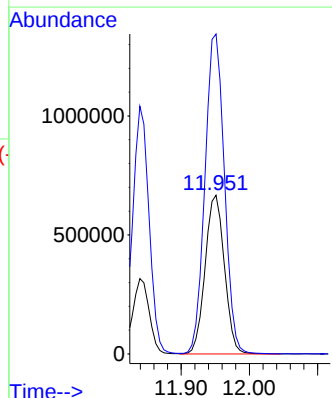
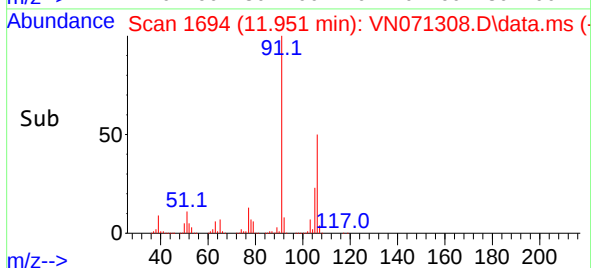
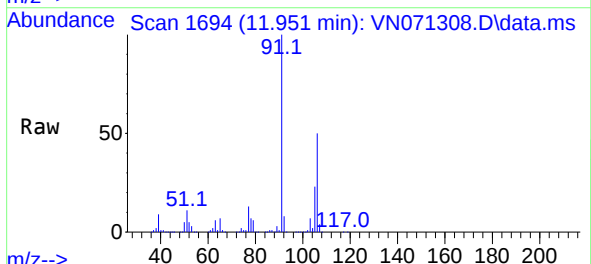
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#68
m/p-Xylenes
Concen: 100.749 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

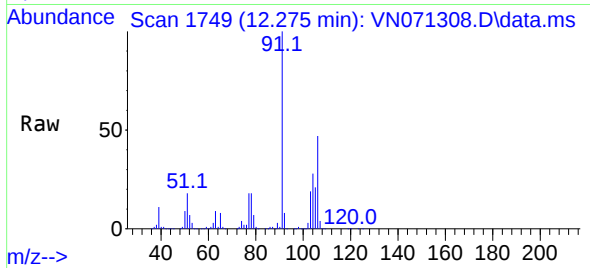
Tgt Ion:106 Resp: 1310886
Ion Ratio Lower Upper
106 100
91 203.1 160.6 240.8





#69
o-Xylene
Concen: 50.410 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

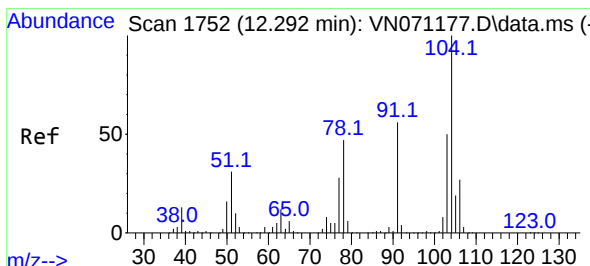
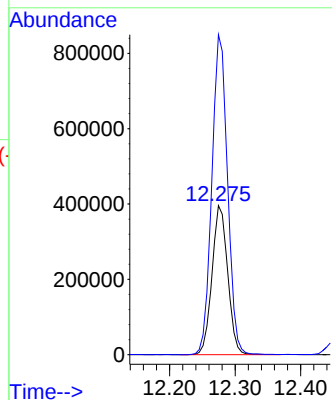
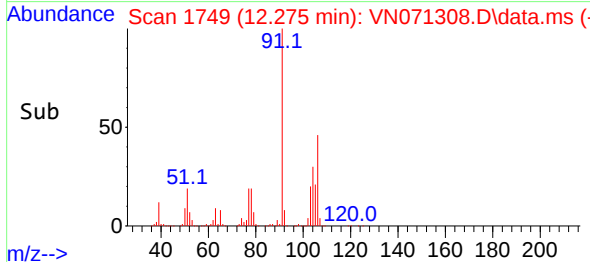
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



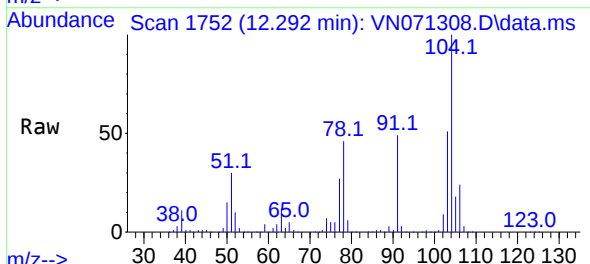
Tgt Ion:106 Resp: 657470
Ion Ratio Lower Upper
106 100
91 214.7 105.8 317.3

Manual Integrations
APPROVED

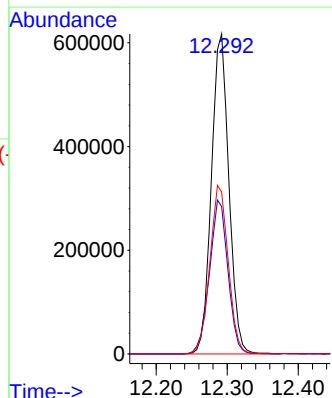
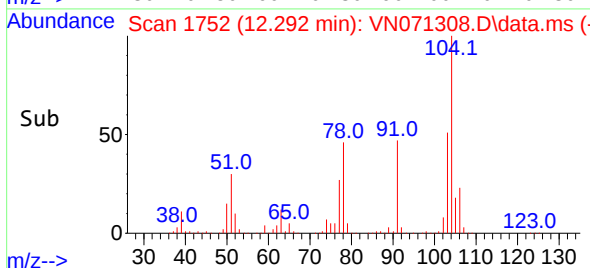
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

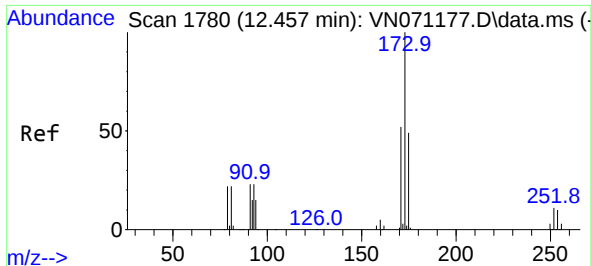


#70
Styrene
Concen: 52.202 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



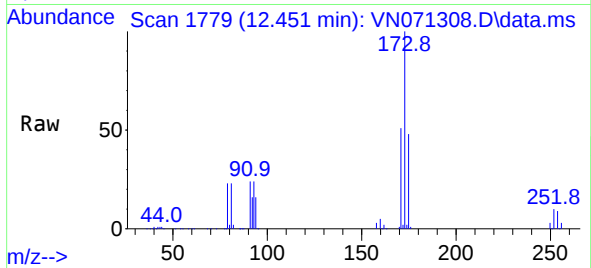
Tgt Ion:104 Resp: 1053909
Ion Ratio Lower Upper
104 100
78 50.9 38.7 58.1
103 55.5 45.0 67.6





#71
Bromoform
Concen: 51.447 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

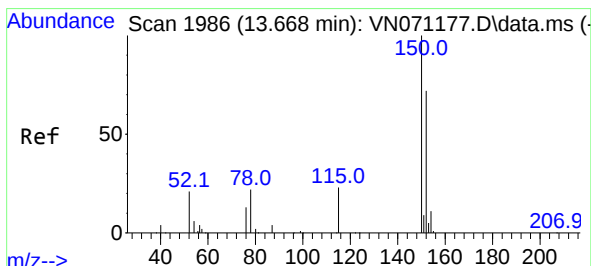
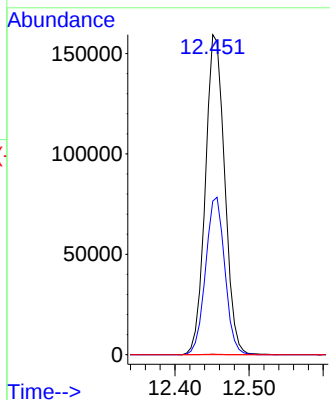
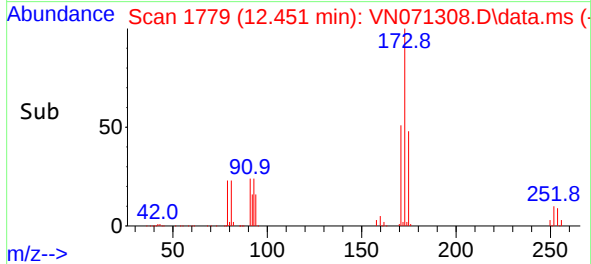
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



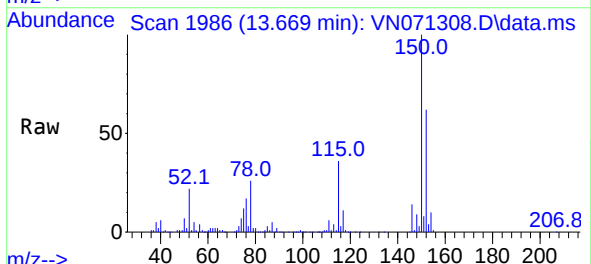
Tgt Ion:173 Resp: 288174
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

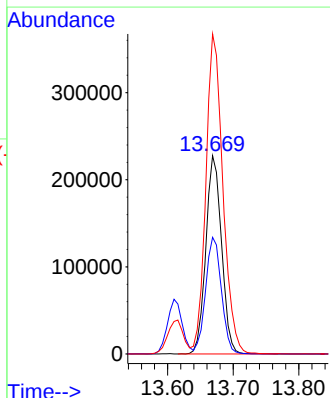
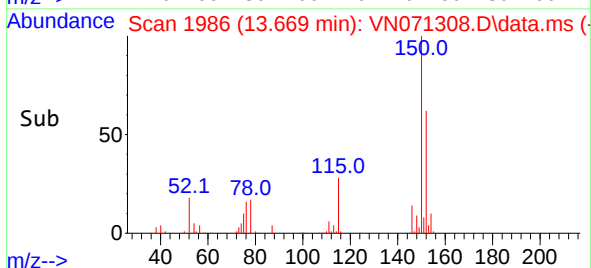
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

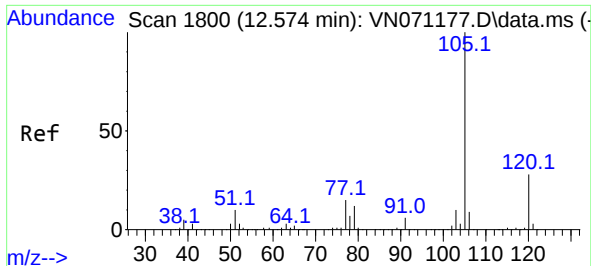


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion:152 Resp: 380182
Ion Ratio Lower Upper
152 100
115 58.9 27.5 82.5
150 174.9 0.0 344.4





#73
Isopropylbenzene
Concen: 46.228 ug/l
RT: 12.574 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

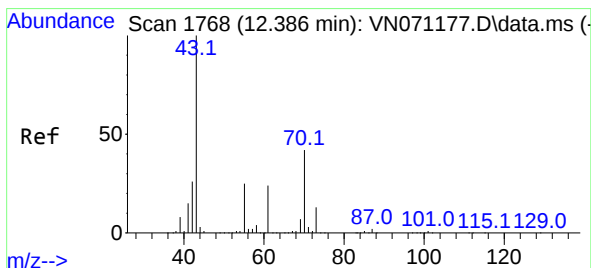
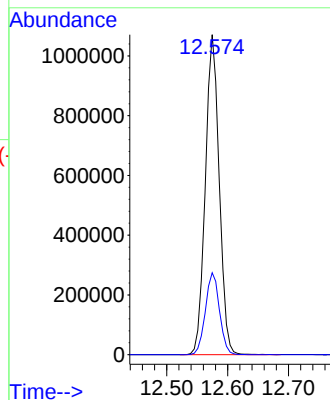
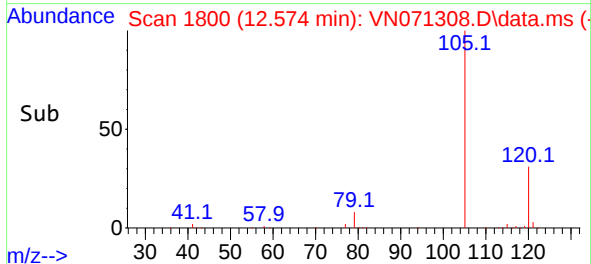
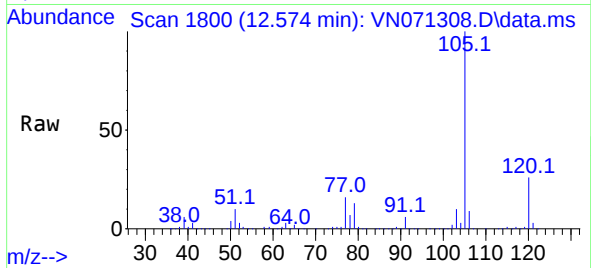
VSTDCCC050EC

Tgt Ion:105 Resp: 169420
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations

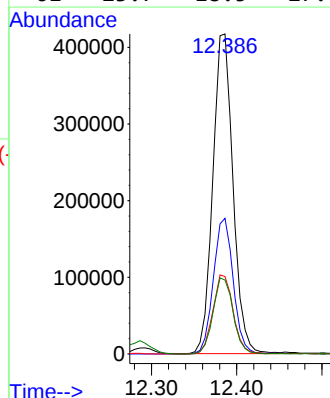
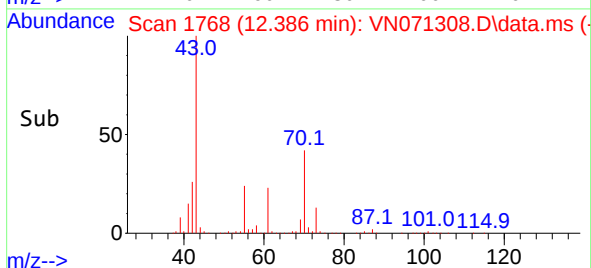
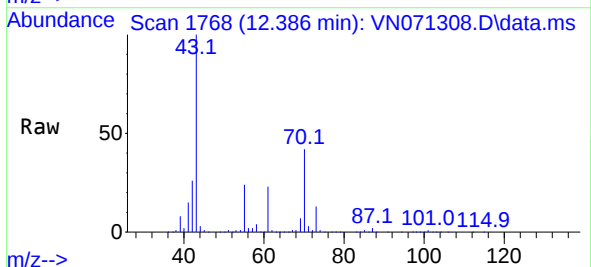
APPROVED

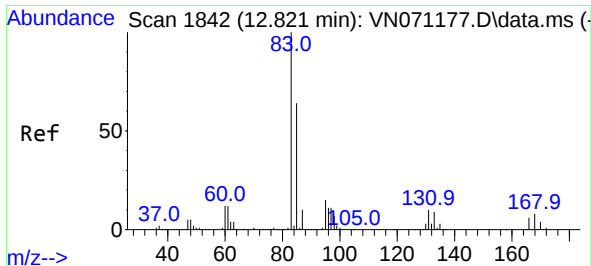
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#74
N-ethyl acetate
Concen: 49.847 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

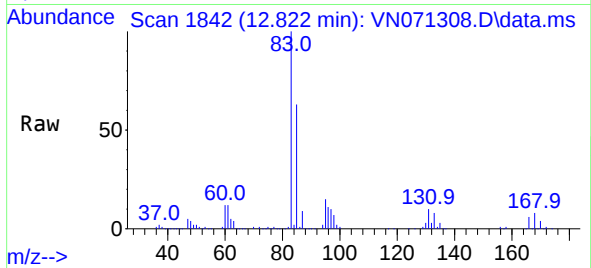
Tgt Ion: 43 Resp: 686886
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 25.1 19.3 28.9
61 23.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.958 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

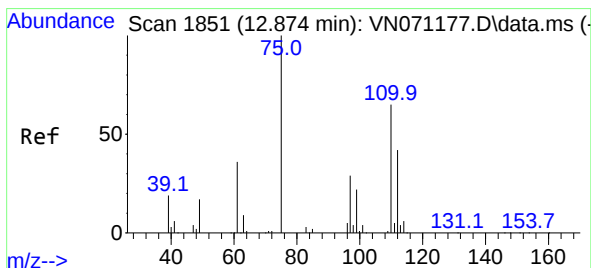
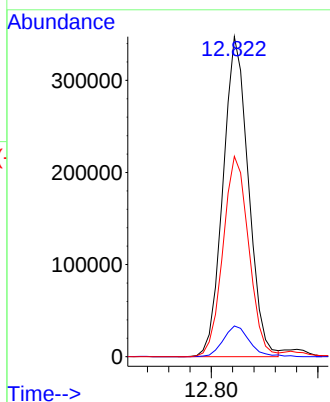
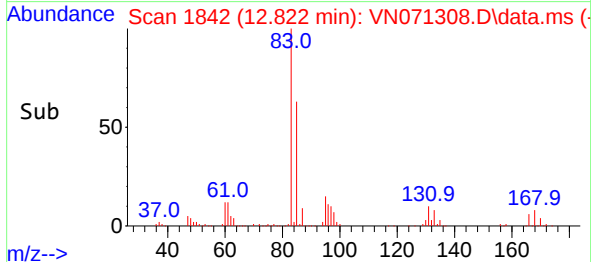
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



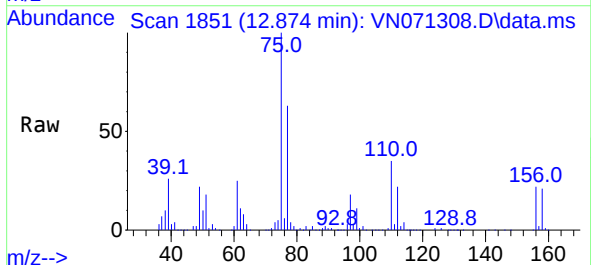
Tgt Ion: 83 Resp: 575099
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

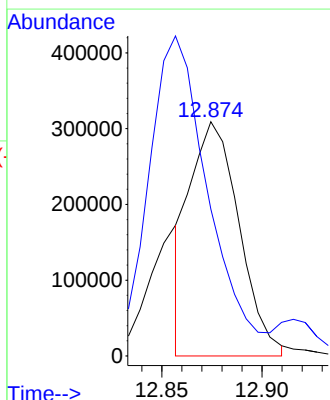
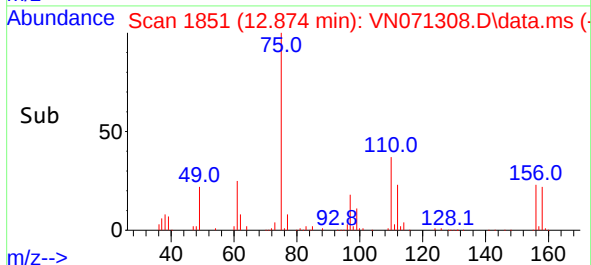
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

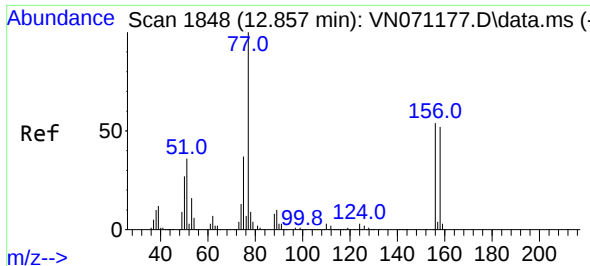


#76
1,2,3-Trichloropropane
Concen: 57.836 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



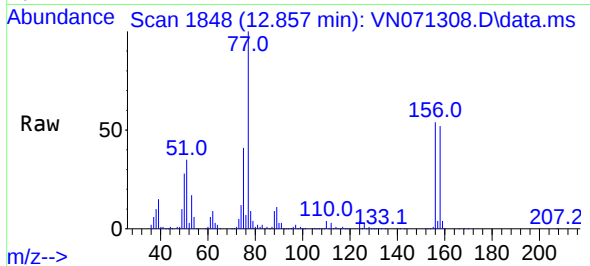
Tgt Ion: 75 Resp: 528845
Ion Ratio Lower Upper
75 100
77 166.2 82.6 247.8





#77
Bromobenzene
Concen: 46.304 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

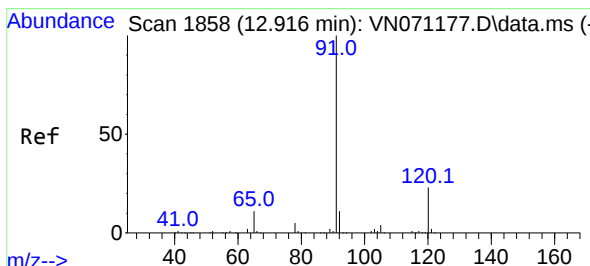
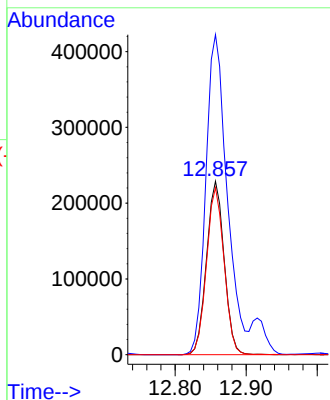
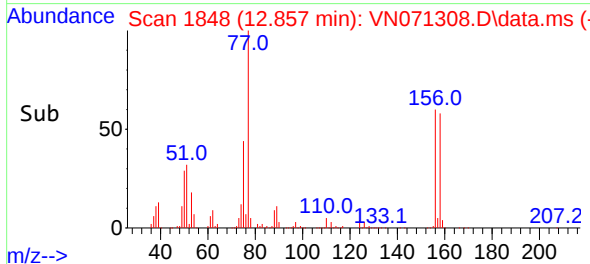
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



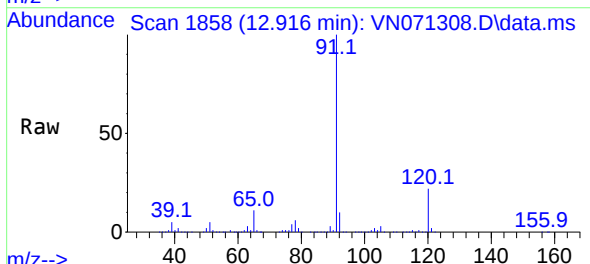
Tgt Ion:156 Resp: 395712
Ion Ratio Lower Upper
156 100
77 222.1 90.6 271.8
158 95.6 48.9 146.7

Manual Integrations
APPROVED

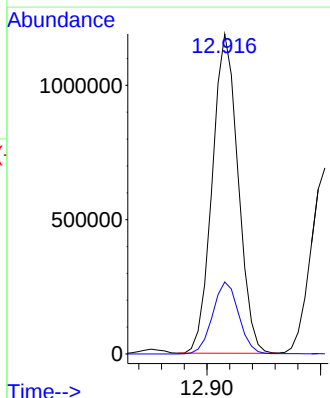
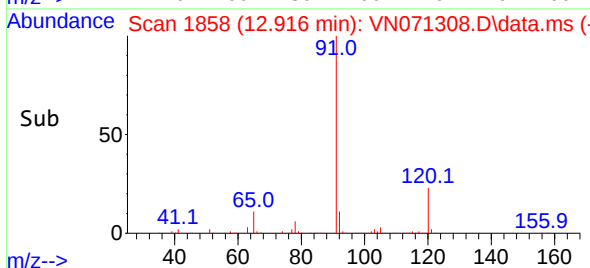
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

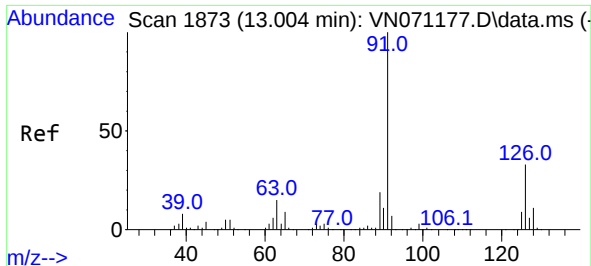


#78
n-propylbenzene
Concen: 47.738 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion: 91 Resp: 1877378
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





#79
2-Chlorotoluene
Concen: 45.636 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

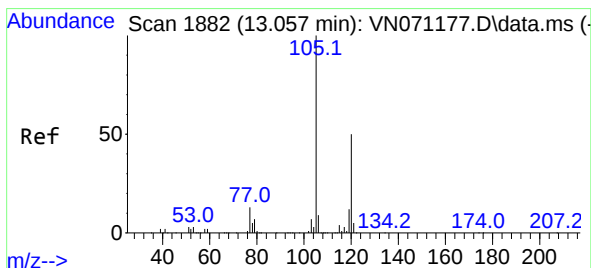
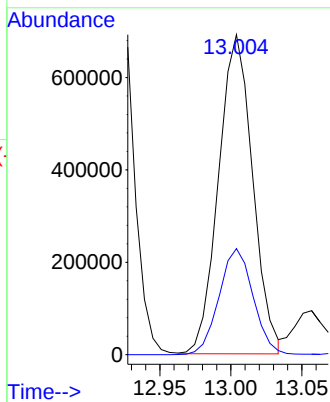
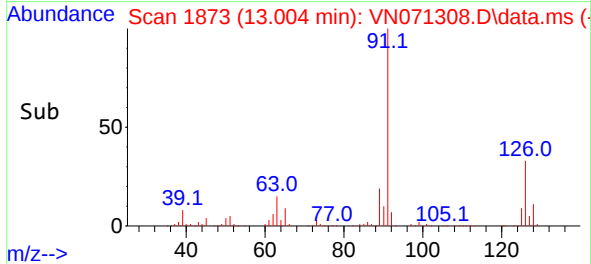
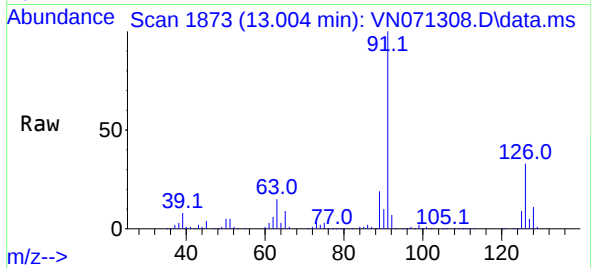
VSTDCCC050EC

Tgt Ion: 91 Resp: 1152086
Ion Ratio Lower Upper
91 100
126 33.3 18.3 54.8

Manual Integrations

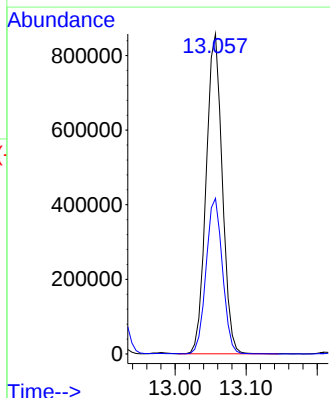
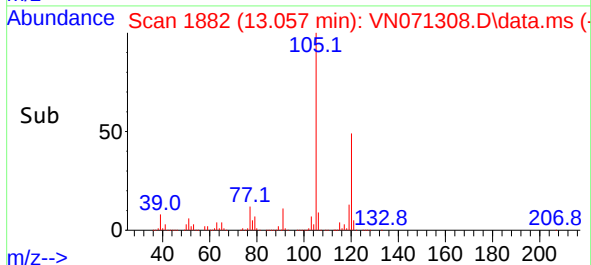
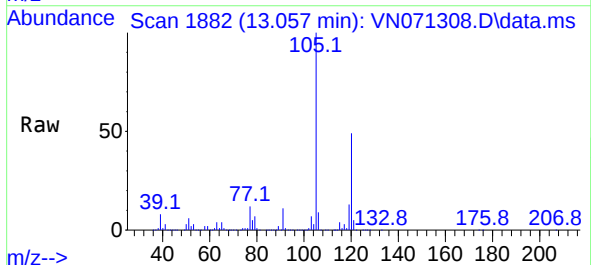
APPROVED

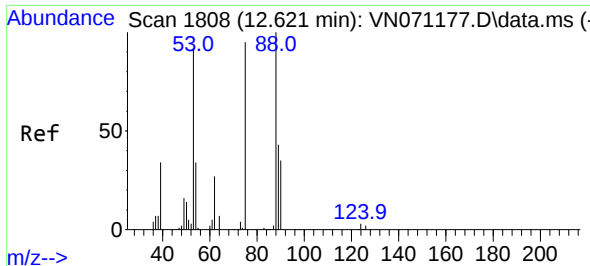
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.447 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

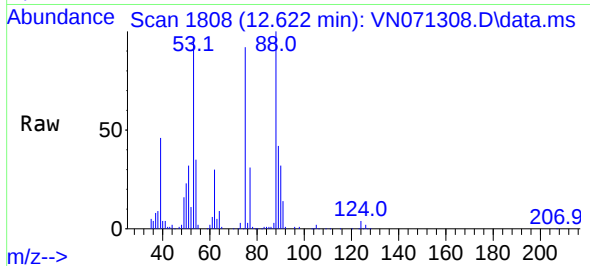
Tgt Ion:105 Resp: 1352867
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.024 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

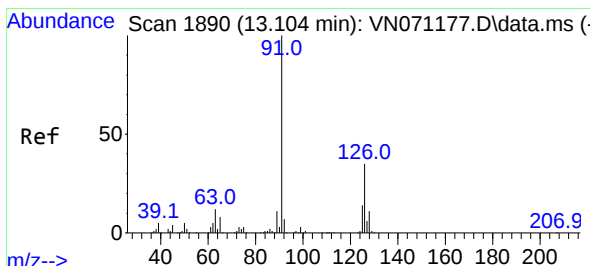
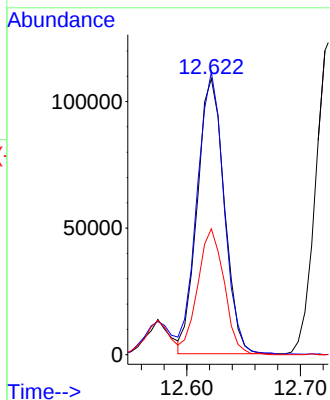
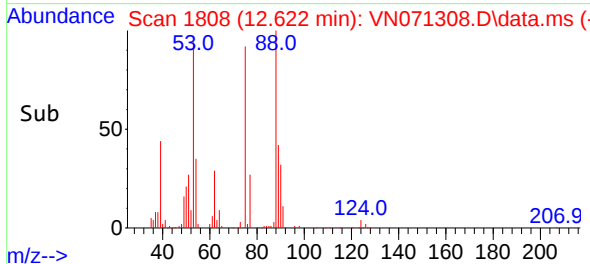
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



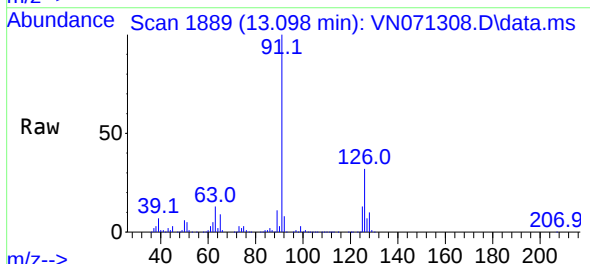
Tgt Ion: 75 Resp: 179449
Ion Ratio Lower Upper
75 100
53 102.1 90.5 135.7
89 44.9 38.2 57.4

Manual Integrations
APPROVED

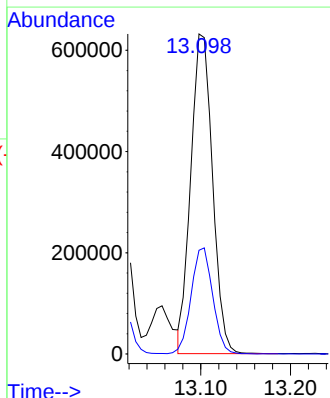
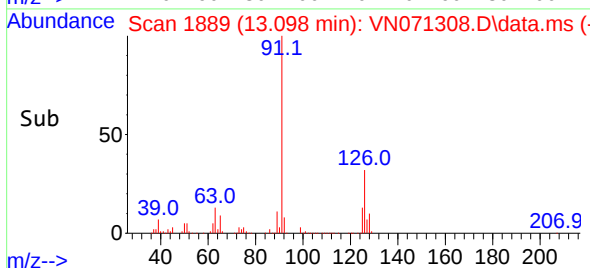
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

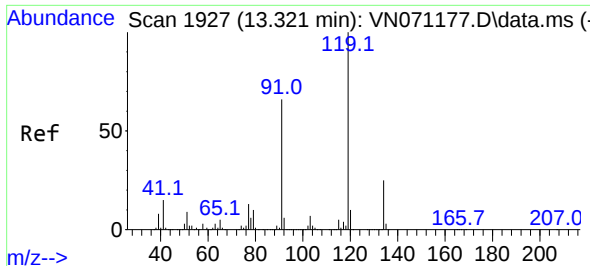


#82
4-Chlorotoluene
Concen: 47.273 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion: 91 Resp: 1063009
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





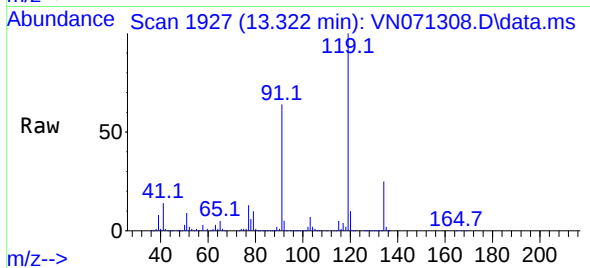
#83
tert-Butylbenzene
Concen: 48.277 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



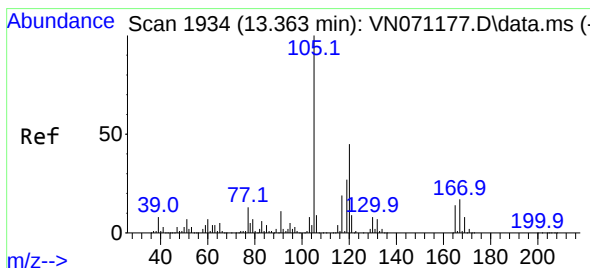
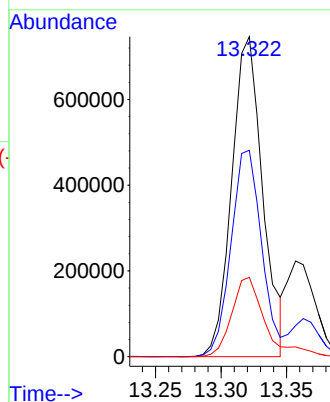
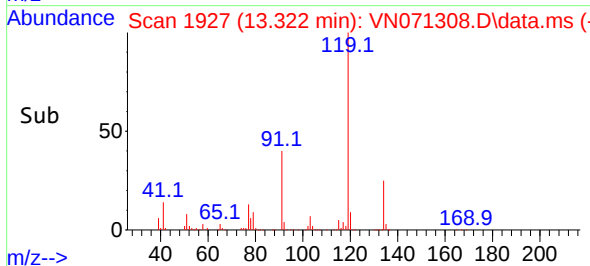
Tgt Ion:119 Resp: 122844
Ion Ratio Lower Upper
119 100
91 63.8 31.5 94.5
134 26.7 12.4 37.4

Manual Integrations

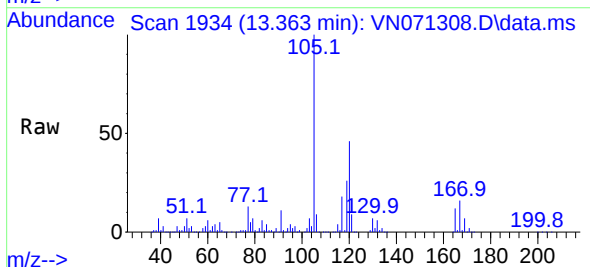
APPROVED

Reviewed By :John Carlone 03/16/2022

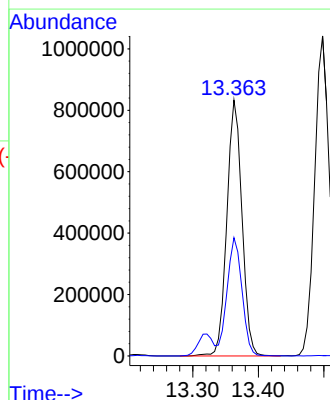
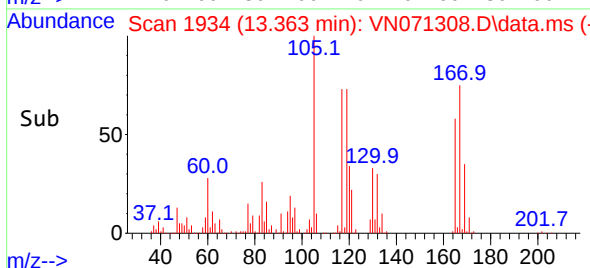
Supervised By :Mahesh Dadoda 03/16/2022

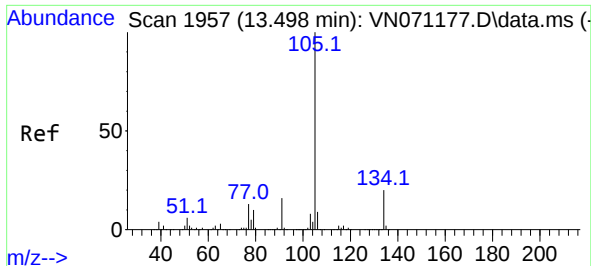


#84
1,2,4-Trimethylbenzene
Concen: 48.823 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion:105 Resp: 1333405
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 48.720 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071308.D
 Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

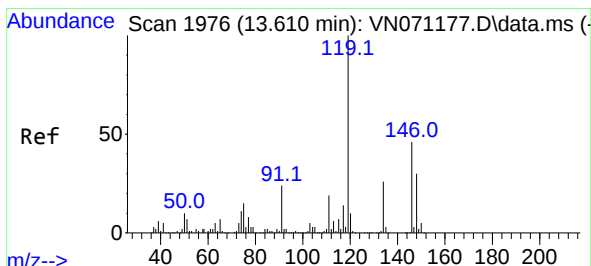
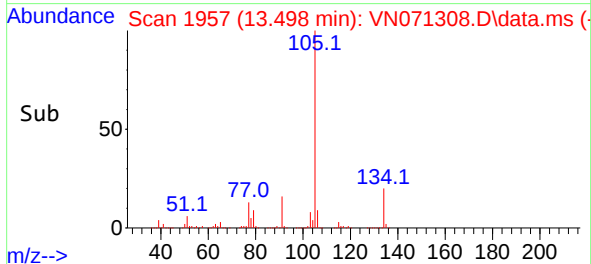
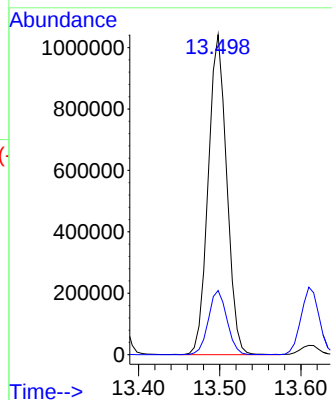
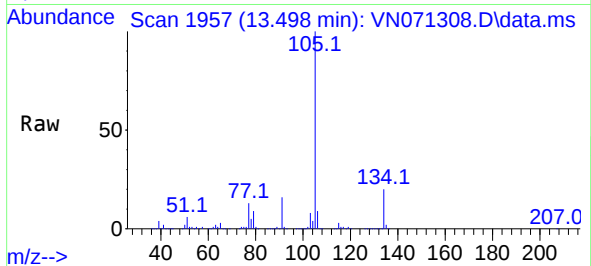
VSTDCCC050EC

Tgt Ion:105 Resp: 164779
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

Manual Integrations

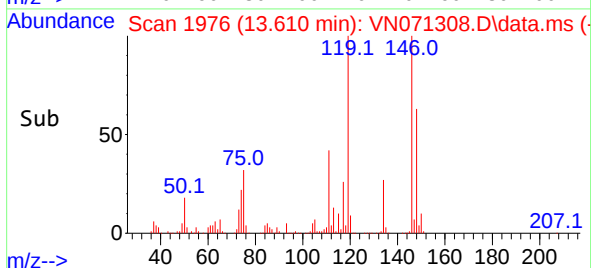
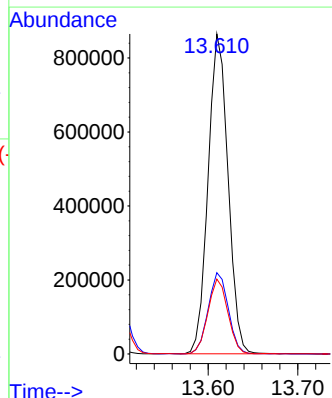
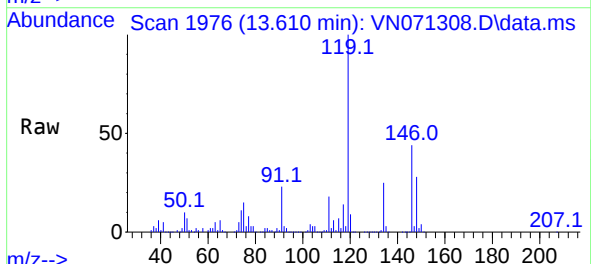
APPROVED

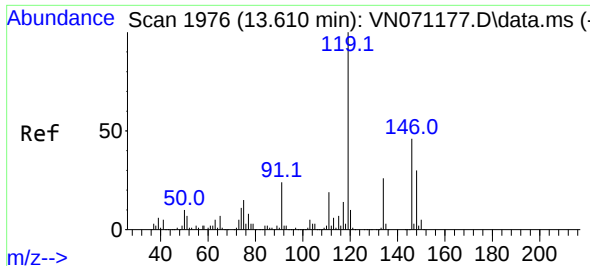
Reviewed By :John Carlone 03/16/2022
 Supervised By :Mahesh Dadoda 03/16/2022



#86
 p-Isopropyltoluene
 Concen: 50.097 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071308.D
 Acq: 15 Mar 2022 21:41

Tgt Ion:119 Resp: 1332509
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 23.4 11.4 34.1





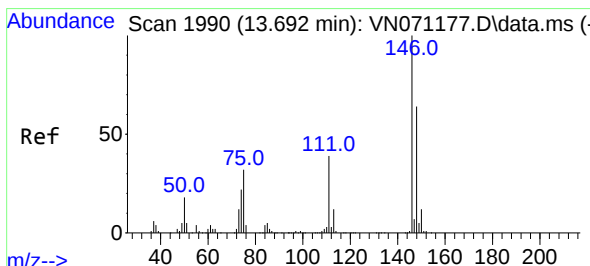
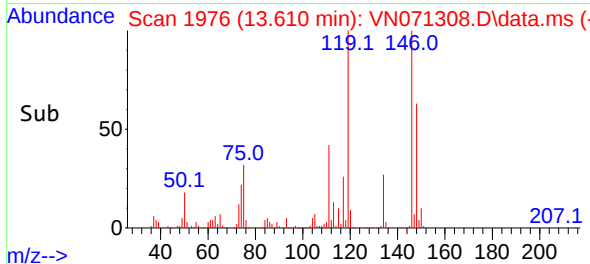
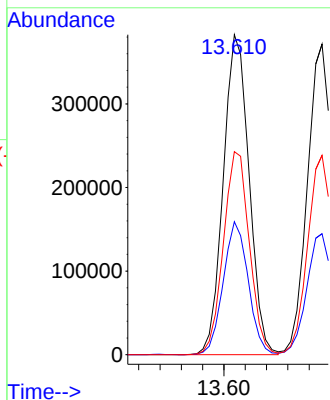
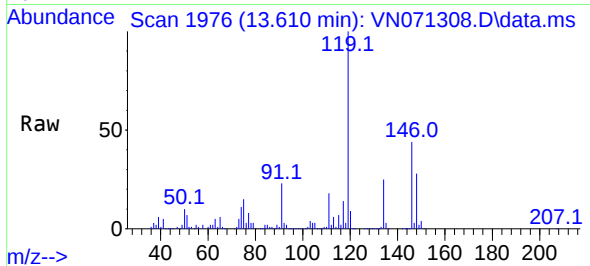
#87
1,3-Dichlorobenzene
Concen: 46.344 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 643529
Ion Ratio Lower Upper
146 100
111 40.3 18.6 55.6
148 63.9 31.6 95.0

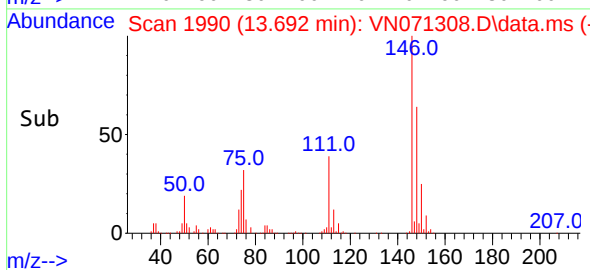
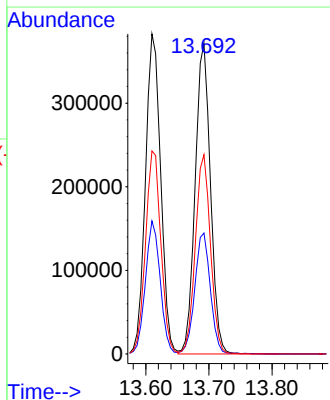
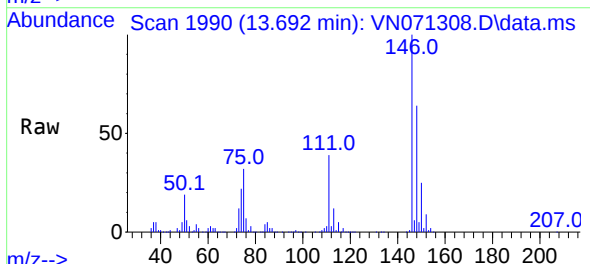
Manual Integrations
APPROVED

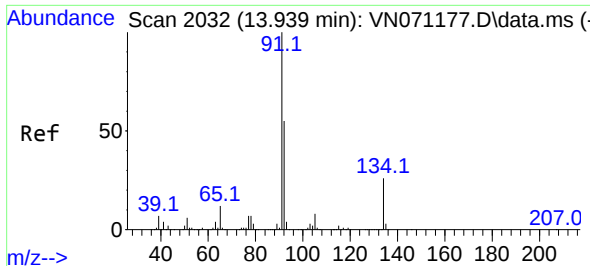
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#88
1,4-Dichlorobenzene
Concen: 46.060 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion:146 Resp: 625195
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 48.965 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :

MSVOA_N

ClientSampleId :

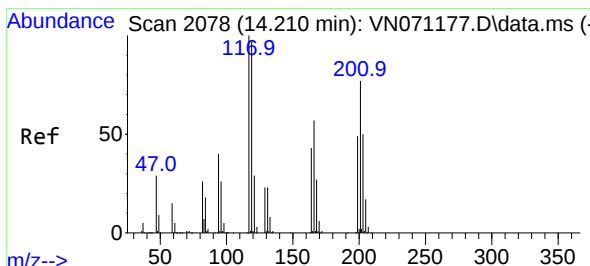
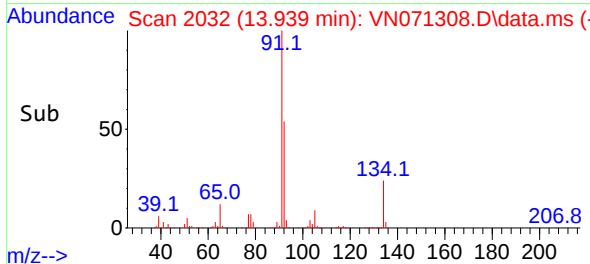
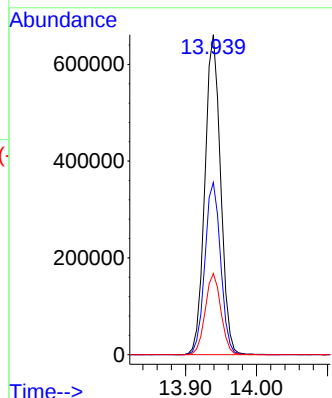
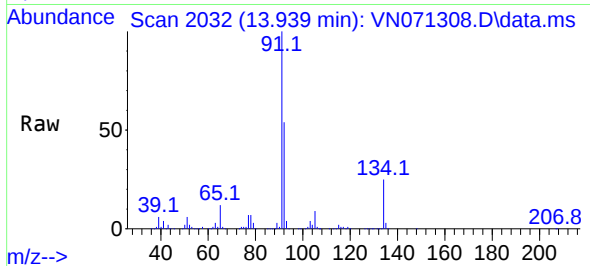
VSTDCCC050EC

Tgt Ion: 91 Resp: 101865
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 25.3 13.6 40.8

Manual Integrations

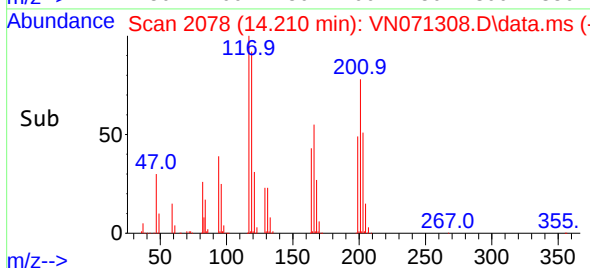
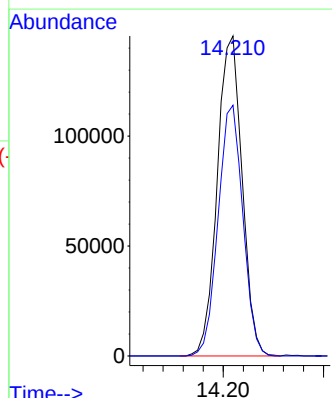
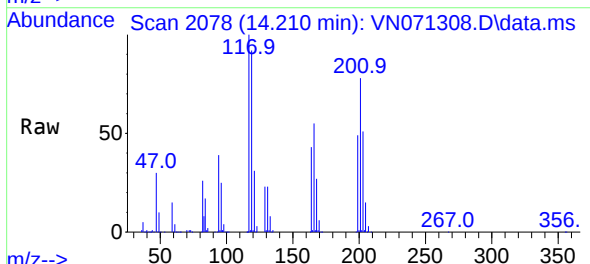
APPROVED

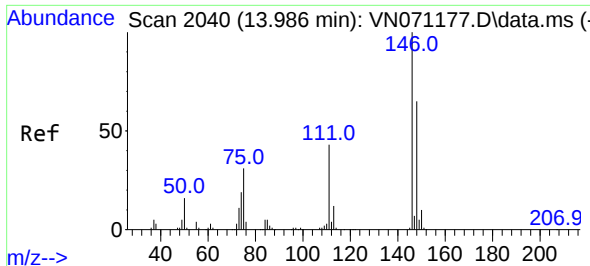
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#90
Hexachloroethane
Concen: 47.383 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Tgt Ion:117 Resp: 250630
Ion Ratio Lower Upper
117 100
201 78.0 43.9 131.6





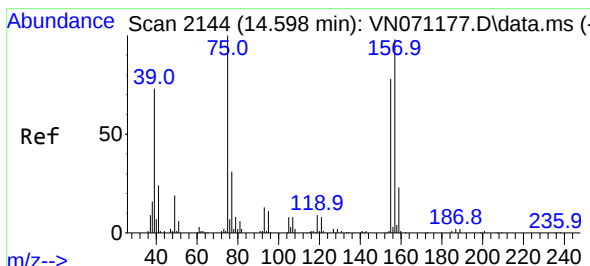
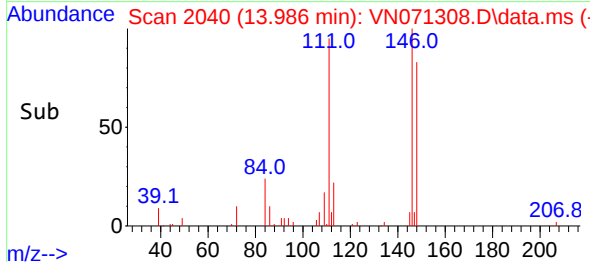
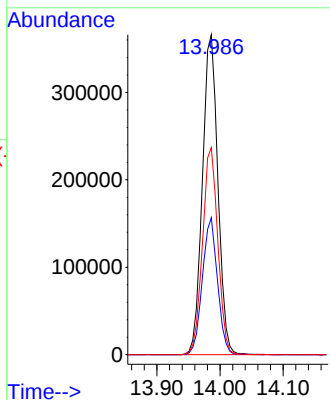
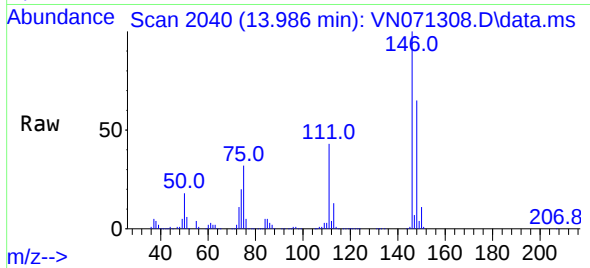
#91
1,2-Dichlorobenzene
Concen: 46.722 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 62373
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 64.1 32.1 96.3

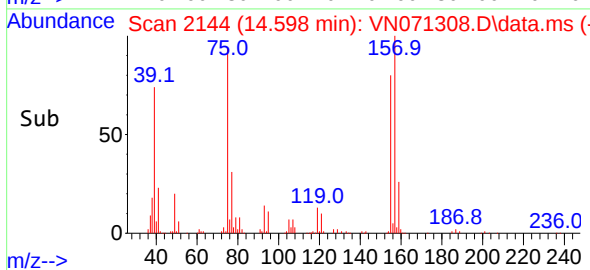
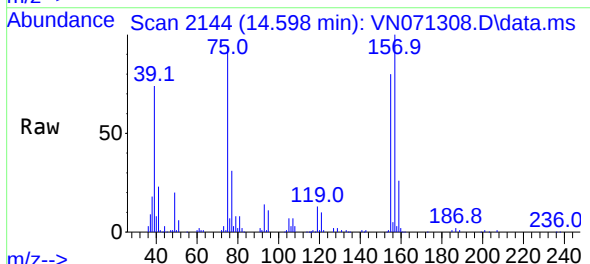
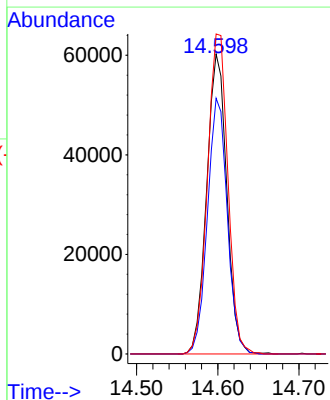
Manual Integrations
APPROVED

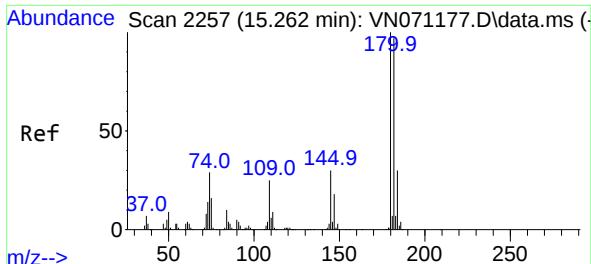
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.608 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

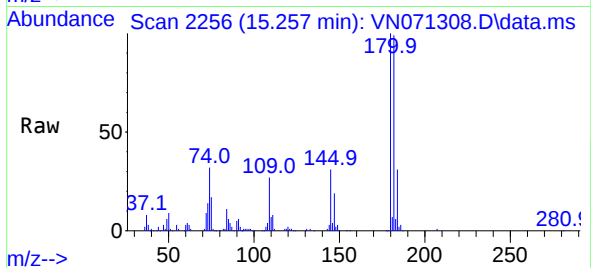
Tgt Ion: 75 Resp: 103650
Ion Ratio Lower Upper
75 100
155 84.1 46.9 140.7
157 108.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.448 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

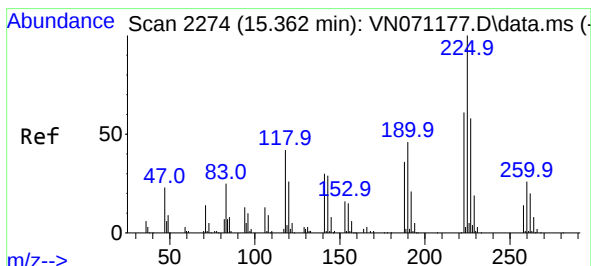
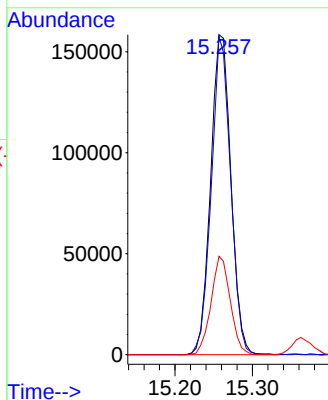
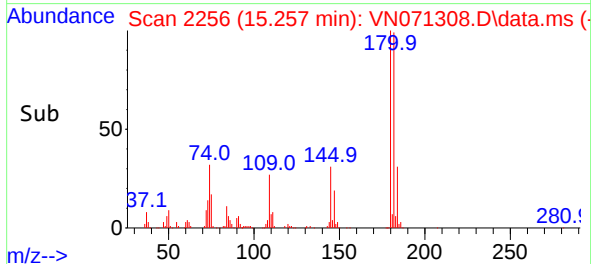
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



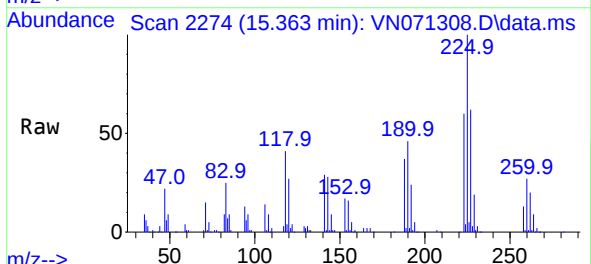
Tgt Ion:180 Resp: 287994
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 29.2 14.5 43.5

Manual Integrations
APPROVED

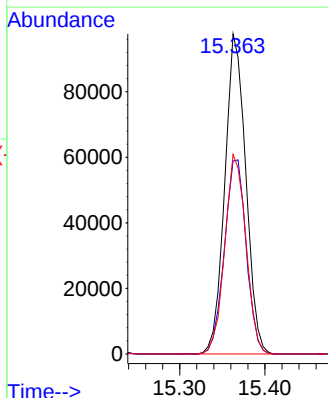
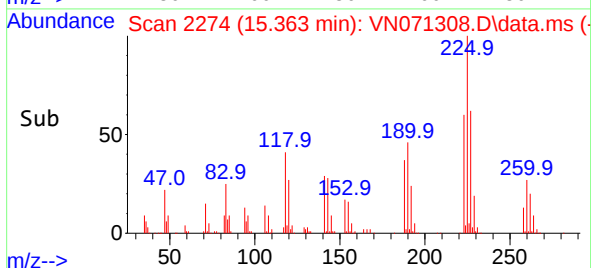
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

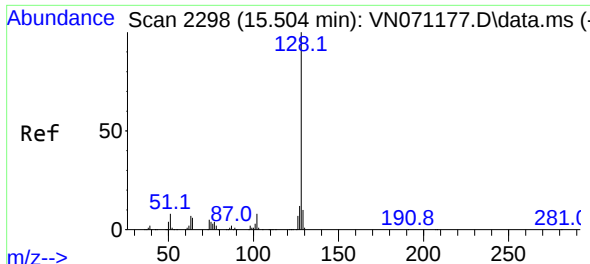


#94
Hexachlorobutadiene
Concen: 44.682 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



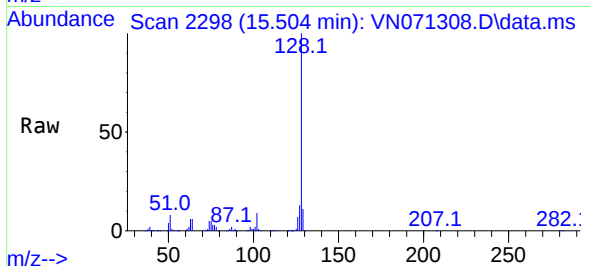
Tgt Ion:225 Resp: 167455
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 62.7 32.1 96.3





#95
Naphthalene
Concen: 50.343 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41

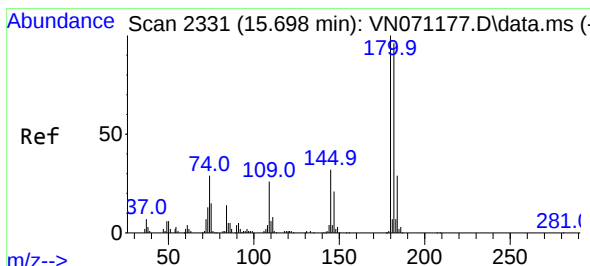
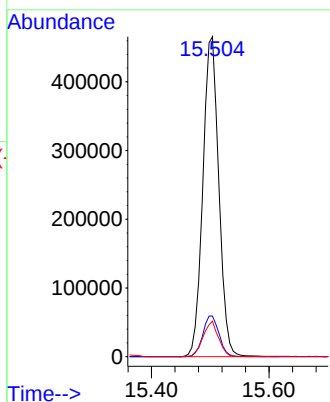
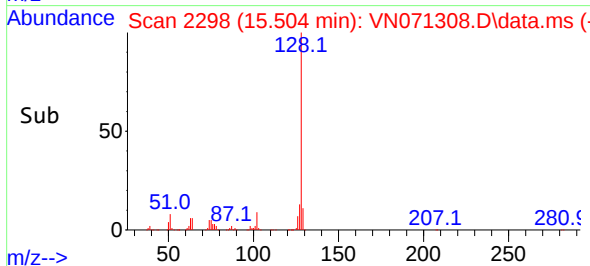
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



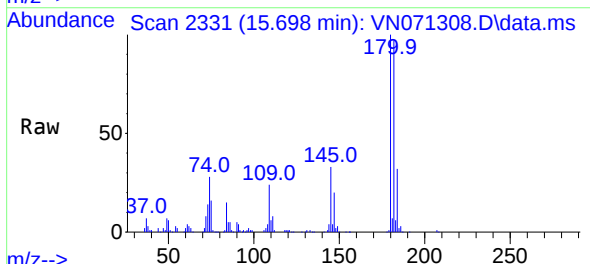
Tgt Ion:128 Resp: 878084
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.020 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071308.D
Acq: 15 Mar 2022 21:41



Tgt Ion:180 Resp: 285939
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 31.2 15.0 45.1

