

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071572.D
 Acq On : 26 Mar 2022 14:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 02:17:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	671316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1047459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	955810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	413654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	385383	46.207	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.420%		
35) Dibromofluoromethane	8.016	113	317115	48.172	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.340%		
50) Toluene-d8	10.439	98	1270461	47.847	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.700%		
62) 4-Bromofluorobenzene	12.727	95	437390	50.273	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	342235	48.857	ug/l	99
3) Chloromethane	2.299	50	396004	50.321	ug/l	99
4) Vinyl Chloride	2.440	62	452255	47.875	ug/l	99
5) Bromomethane	2.828	94	275132	55.185	ug/l	99
6) Chloroethane	2.999	64	312344	49.330	ug/l	99
7) Trichlorofluoromethane	3.363	101	530166	48.626	ug/l	99
8) Diethyl Ether	3.822	74	223018	49.070	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	323766	49.565	ug/l	98
10) Methyl Iodide	4.422	142	470413	49.945	ug/l	100
11) Tert butyl alcohol	5.363	59	359783	231.485	ug/l	100
12) 1,1-Dichloroethene	4.181	96	311393	48.403	ug/l	98
13) Acrolein	4.034	56	228318	192.084	ug/l	96
14) Allyl chloride	4.840	41	498759	48.025	ug/l	99
15) Acrylonitrile	5.545	53	1004198	237.647	ug/l	100
16) Acetone	4.281	43	837461	244.966	ug/l	100
17) Carbon Disulfide	4.528	76	779442	46.452	ug/l	99
18) Methyl Acetate	4.845	43	427740	47.686	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	1127892	49.019	ug/l	98
20) Methylene Chloride	5.087	84	372541	46.768	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	339150	48.575	ug/l	96
22) Diisopropyl ether	6.492	45	1069063	49.654	ug/l	97
23) Vinyl Acetate	6.428	43	4655456	251.865	ug/l	100
24) 1,1-Dichloroethane	6.381	63	637720	48.888	ug/l	98
25) 2-Butanone	7.328	43	1308190	238.506	ug/l	98
26) 2,2-Dichloropropane	7.322	77	543582	49.809	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	410651	49.331	ug/l	99
28) Bromochloromethane	7.651	49	225447	42.296	ug/l	99
29) Tetrahydrofuran	7.681	42	856659	234.887	ug/l	99
30) Chloroform	7.810	83	648186	49.568	ug/l	100
31) Cyclohexane	8.092	56	565570	47.389	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	567551	49.824	ug/l	100
36) 1,1-Dichloropropene	8.216	75	491360	51.769	ug/l	99
37) Ethyl Acetate	7.404	43	522709	50.525	ug/l	99
38) Carbon Tetrachloride	8.204	117	472640	51.085	ug/l	98
39) Methylcyclohexane	9.457	83	631402	54.223	ug/l	99
40) Benzene	8.457	78	1486293	50.306	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	283608	57.741	ug/l	89
42) 1,2-Dichloroethane	8.522	62	511896	49.673	ug/l	99
43) Isopropyl Acetate	8.557	43	824517	49.854	ug/l	99
44) Trichloroethene	9.210	130	393771	51.344	ug/l	98
45) 1,2-Dichloropropane	9.486	63	370414	50.612	ug/l	97
46) Dibromomethane	9.575	93	255038	51.200	ug/l	99
47) Bromodichloromethane	9.757	83	504086	51.631	ug/l	98
48) Methyl methacrylate	9.557	41	388616	52.032	ug/l	99
49) 1,4-Dioxane	9.563	88	179525	1041.687	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2595170	250.556	ug/l	99
52) Toluene	10.504	92	962000	52.023	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	561360	53.472	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	613437	52.987	ug/l	100
55) 1,1,2-Trichloroethane	10.892	97	377768	50.391	ug/l	99
56) Ethyl methacrylate	10.757	69	600956	53.179	ug/l	99
57) 1,3-Dichloropropane	11.039	76	643150	50.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	845465	237.966	ug/l	100
59) 2-Hexanone	11.080	43	1898588	254.270	ug/l	99
60) Dibromochloromethane	11.233	129	394642	52.192	ug/l	99
61) 1,2-Dibromoethane	11.339	107	390446	51.623	ug/l	100
64) Tetrachloroethene	10.975	164	338554	51.245	ug/l	99
65) Chlorobenzene	11.769	112	1038834	51.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	377019	52.555	ug/l	99
67) Ethyl Benzene	11.839	91	1861784	53.478	ug/l	99
68) m/p-Xylenes	11.951	106	1440674	108.150	ug/l	100
69) o-Xylene	12.274	106	710404	53.681	ug/l	98
70) Styrene	12.292	104	1142169	55.355	ug/l	100
71) Bromoform	12.451	173	306963	54.404	ug/l #	99
73) Isopropylbenzene	12.574	105	1819950	49.904	ug/l	100
74) N-amyl acetate	12.386	43	588502	50.204	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	575734	53.512	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	440210m	47.725	ug/l	
77) Bromobenzene	12.857	156	435029	47.865	ug/l	99
78) n-propylbenzene	12.916	91	2025063	52.192	ug/l	100
79) 2-Chlorotoluene	13.004	91	1226435	48.985	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1467480	50.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	180738	52.460	ug/l	98
82) 4-Chlorotoluene	13.104	91	1171973	50.844	ug/l	100
83) tert-Butylbenzene	13.321	119	1327564	51.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1440641	51.860	ug/l	99
85) sec-Butylbenzene	13.498	105	1810389	52.558	ug/l	100
86) p-Isopropyltoluene	13.610	119	1482370	53.986	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	751782	50.995	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	723267	49.640	ug/l	99
89) n-Butylbenzene	13.939	91	1125759	53.534	ug/l	100
90) Hexachloroethane	14.210	117	265212	49.485	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	722322	51.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	103450	47.972	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	347053	52.999	ug/l	100
94) Hexachlorobutadiene	15.368	225	210634	53.192	ug/l	99
95) Naphthalene	15.504	128	954036	45.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	343637	52.889	ug/l	99

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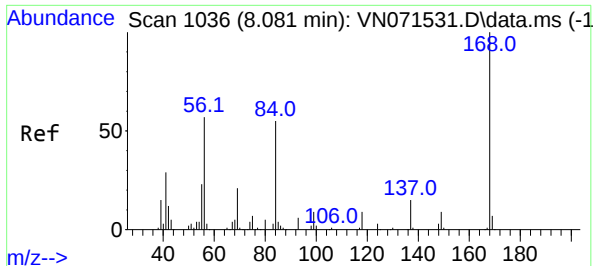
Manual Integrations
APPROVED

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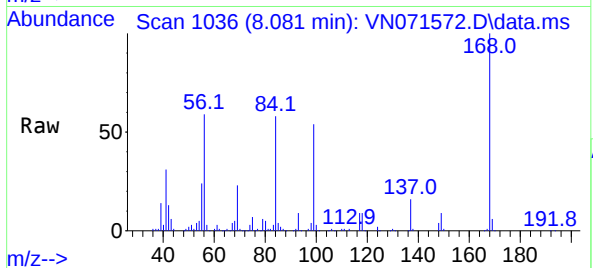
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071572.D
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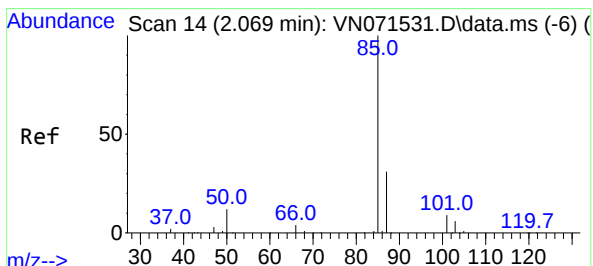
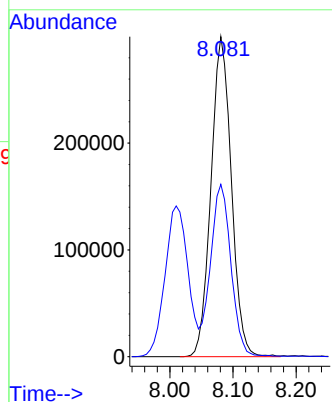
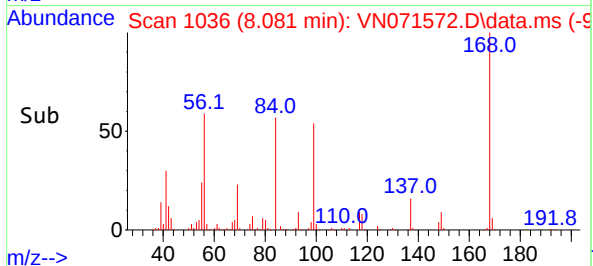
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



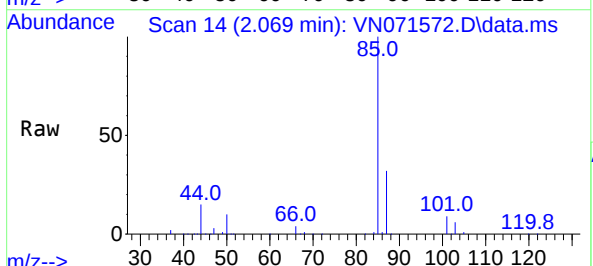
Tgt Ion:168 Resp: 671310
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5

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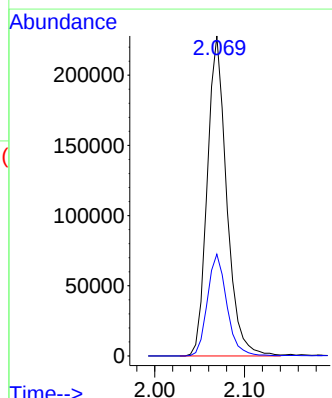
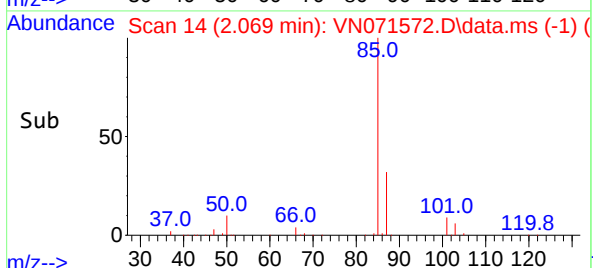
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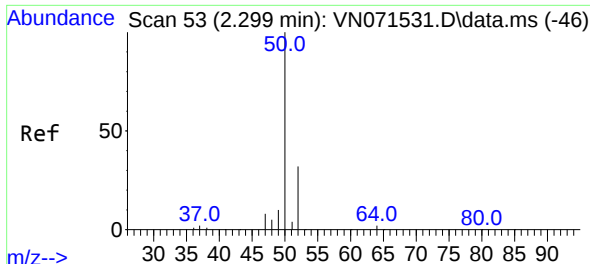


#2
Dichlorodifluoromethane
Concen: 48.857 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



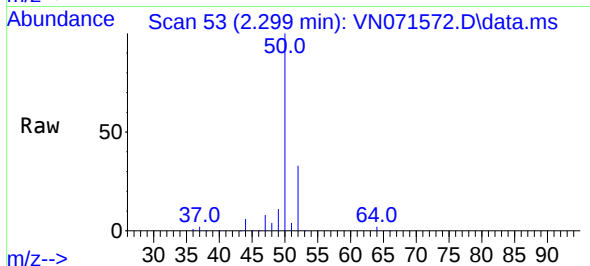
Tgt Ion: 85 Resp: 342235
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





#3
Chloromethane
Concen: 50.321 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

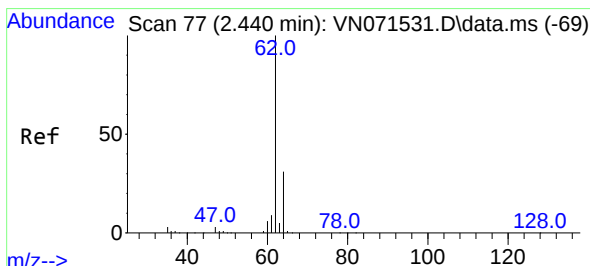
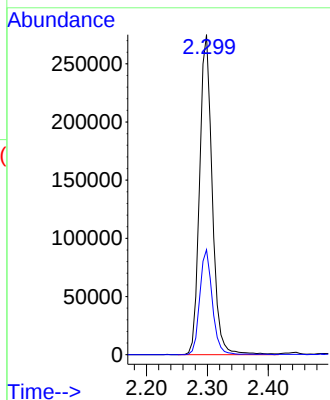
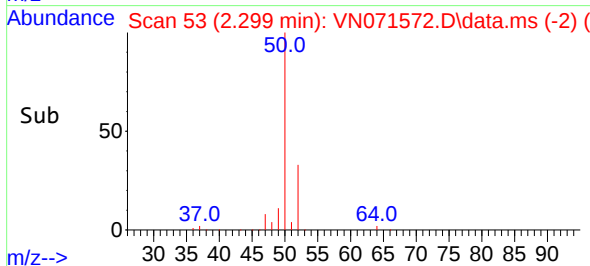
Instrument :
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Tgt Ion: 50 Resp: 396004
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

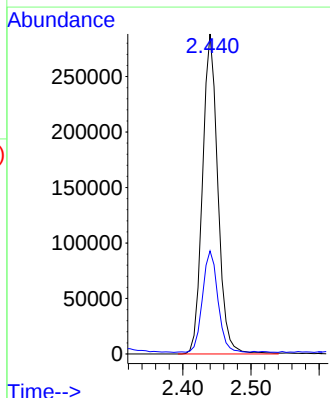
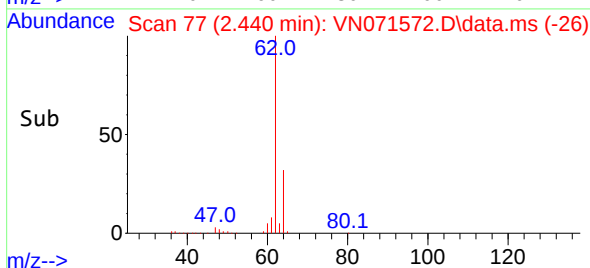
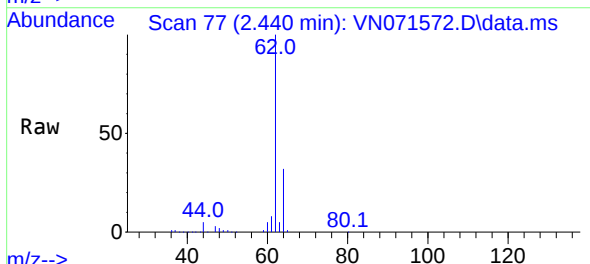
Manual Integrations
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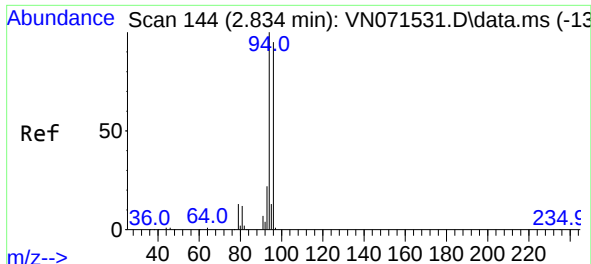
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#4
Vinyl Chloride
Concen: 47.875 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

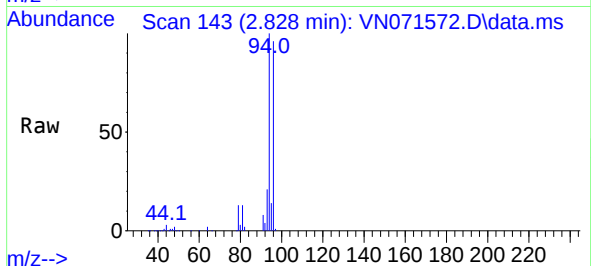
Tgt Ion: 62 Resp: 452255
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.4





#5
Bromomethane
Concen: 55.185 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

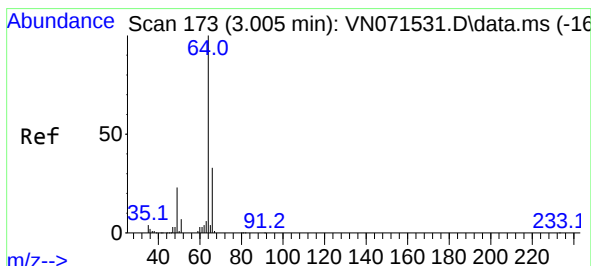
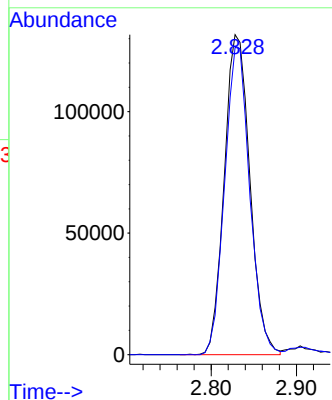
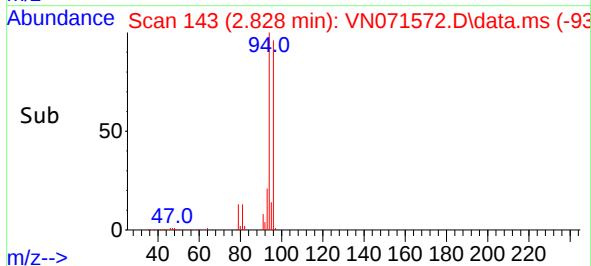
Instrument :
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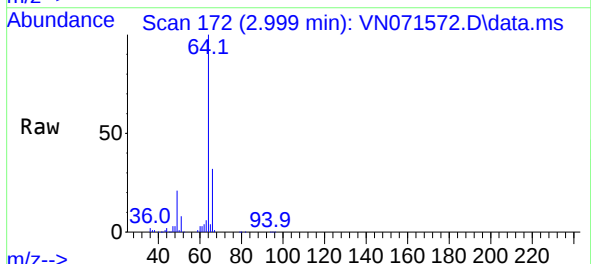
Tgt Ion: 94 Resp: 275132
Ion Ratio Lower Upper
94 100
96 96.0 76.0 114.0

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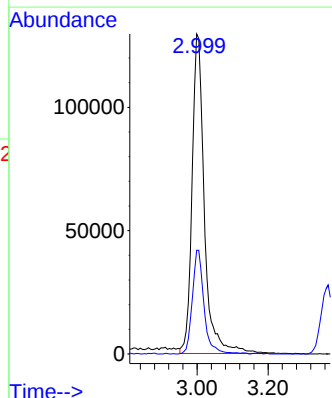
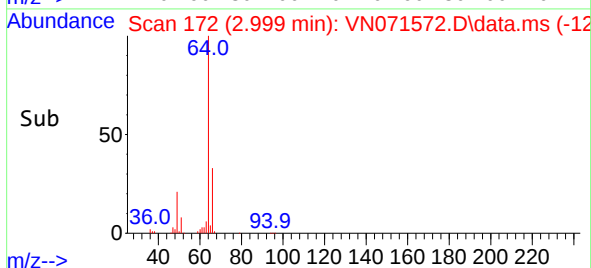
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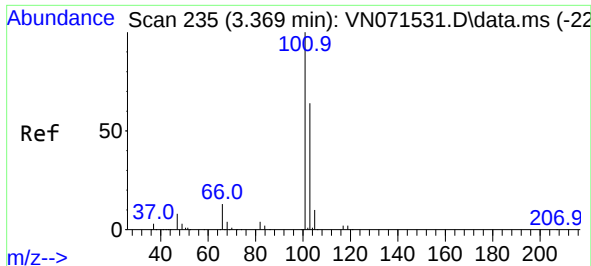


#6
Chloroethane
Concen: 49.330 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN071572.D
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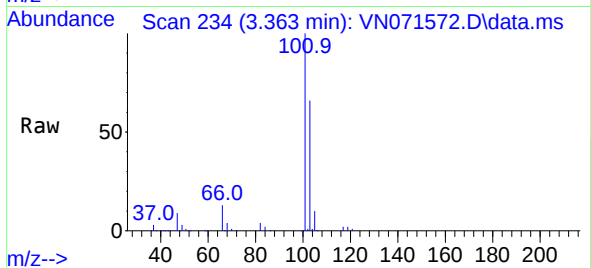
Tgt Ion: 64 Resp: 312344
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.626 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36

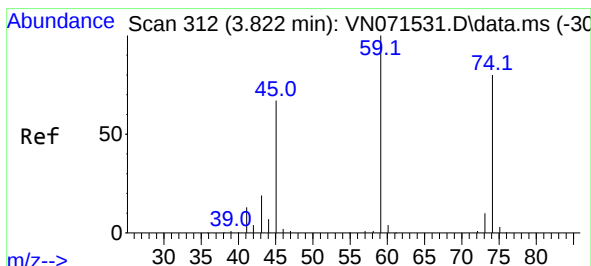
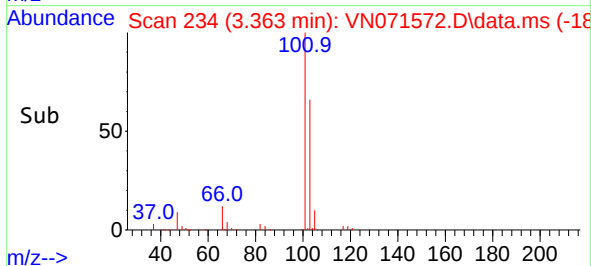
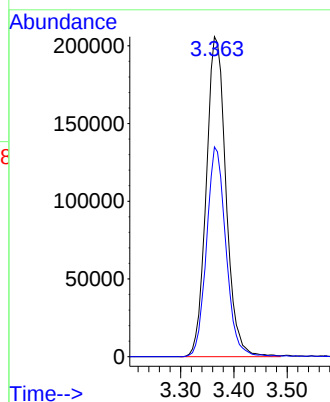
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 53016
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3

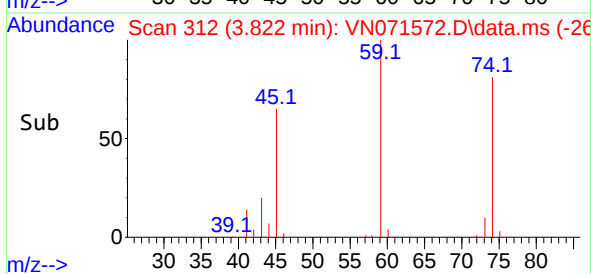
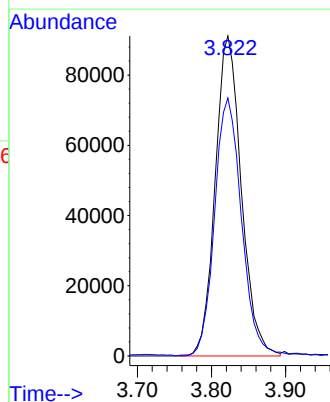
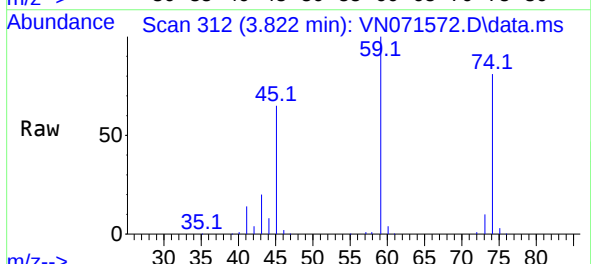
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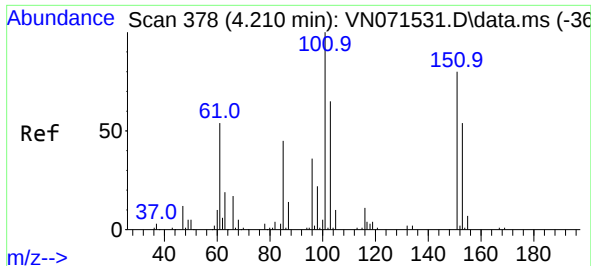
Reviewed By :John Carlone 03/28/2022
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#8
 Diethyl Ether
 Concen: 49.070 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36

Tgt Ion: 74 Resp: 223018
 Ion Ratio Lower Upper
 74 100
 45 83.5 42.9 128.5





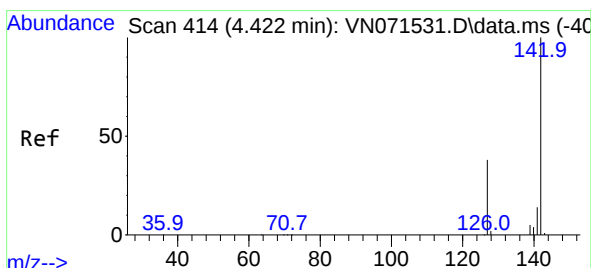
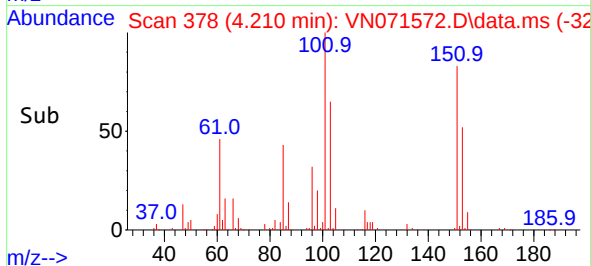
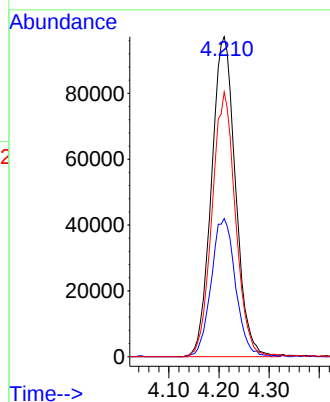
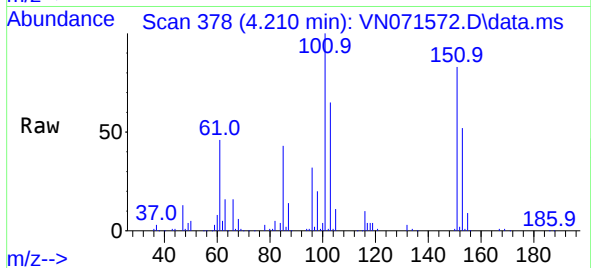
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.565 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 323760
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 80.8 63.0 94.4

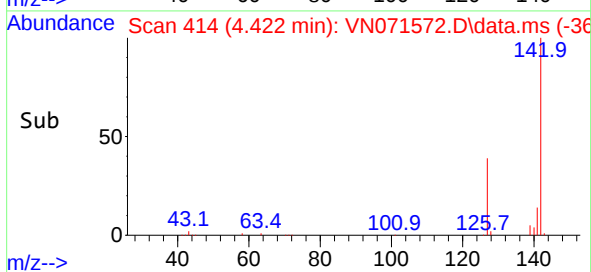
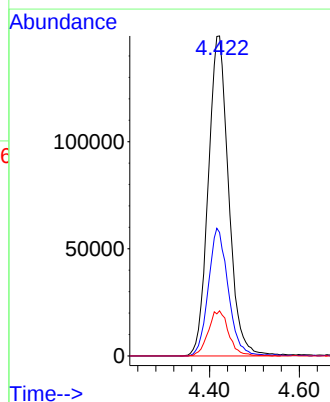
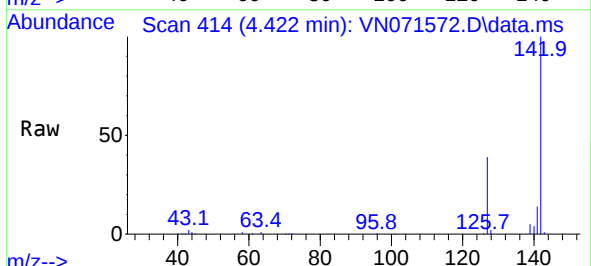
Manual Integrations
APPROVED

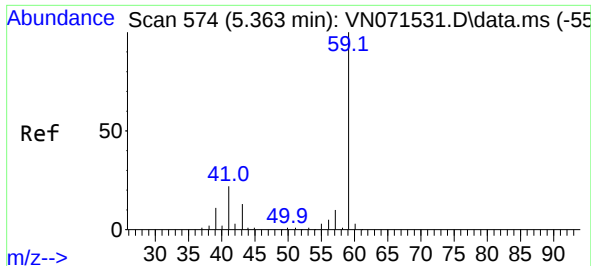
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#10
Methyl Iodide
Concen: 49.945 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

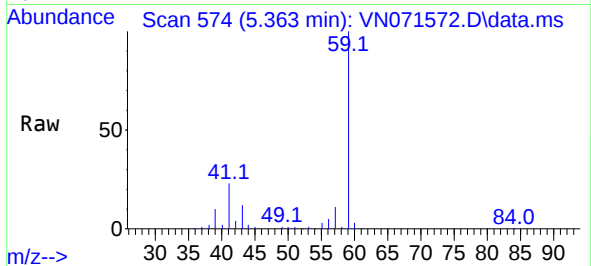
Tgt Ion:142 Resp: 470413
Ion Ratio Lower Upper
142 100
127 39.1 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 231.485 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

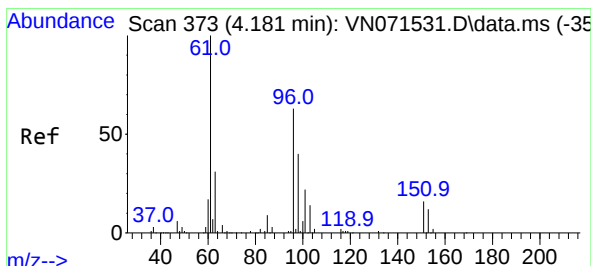
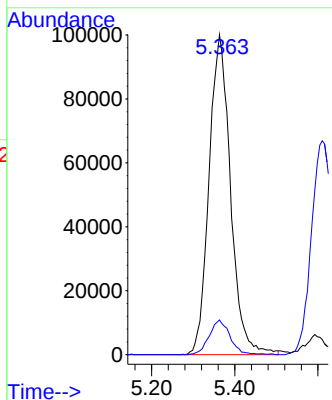
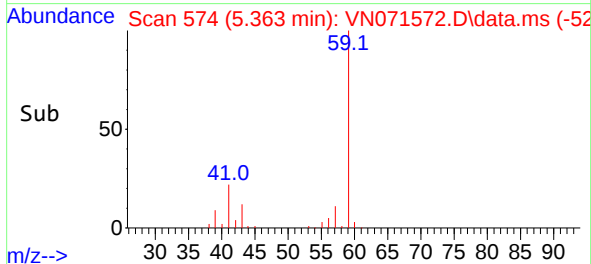
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



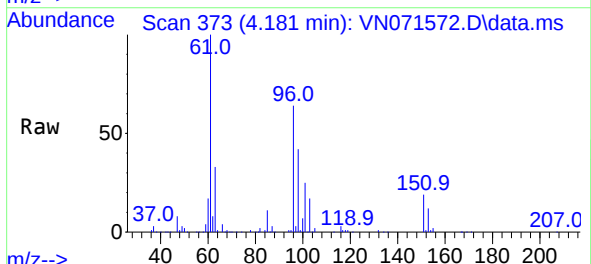
Tgt Ion: 59 Resp: 35978
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

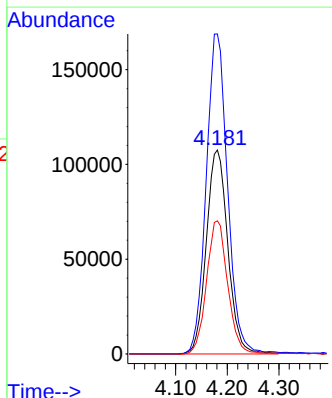
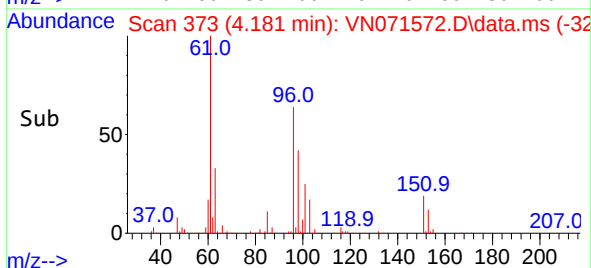
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

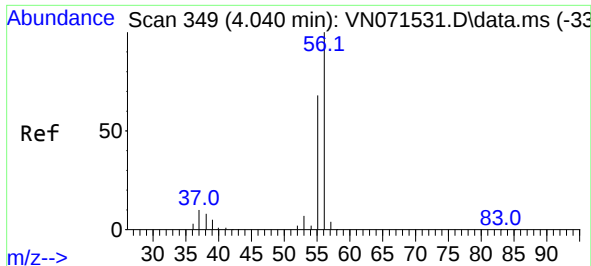


#12
1,1-Dichloroethene
Concen: 48.403 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



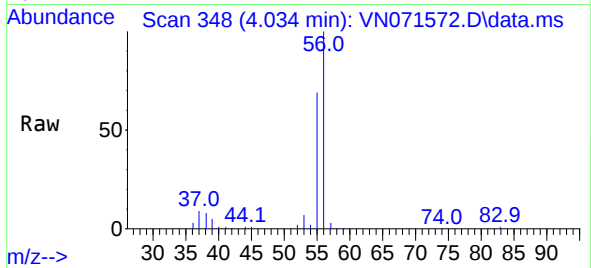
Tgt Ion: 96 Resp: 311393
Ion Ratio Lower Upper
96 100
61 156.9 127.6 191.4
98 65.3 51.2 76.8





#13
Acrolein
Concen: 192.084 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

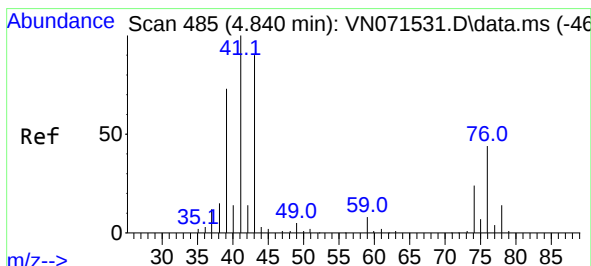
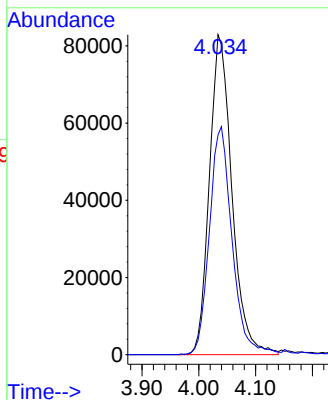
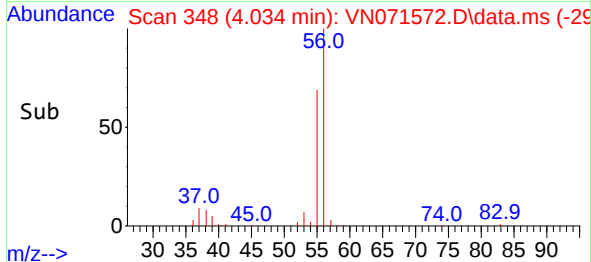
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



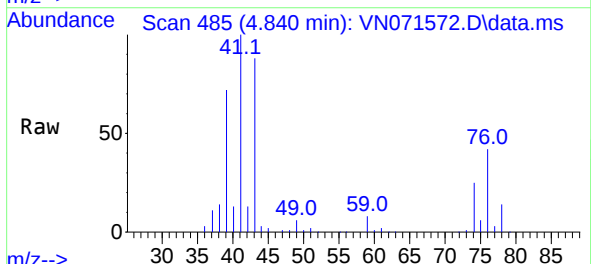
Tgt Ion: 56 Resp: 228318
Ion Ratio Lower Upper
56 100
55 71.6 54.8 82.2

Manual Integrations
APPROVED

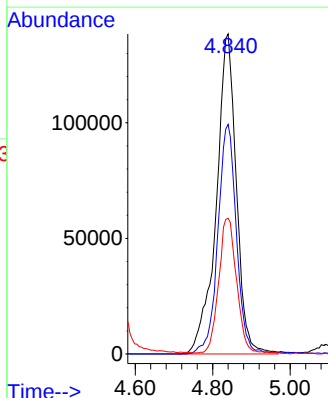
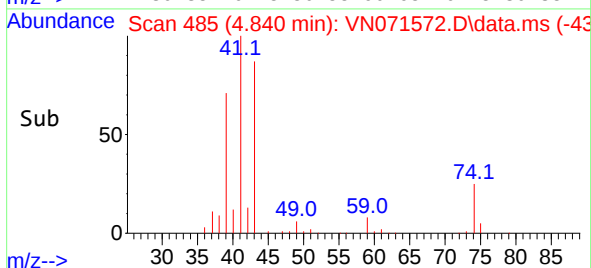
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

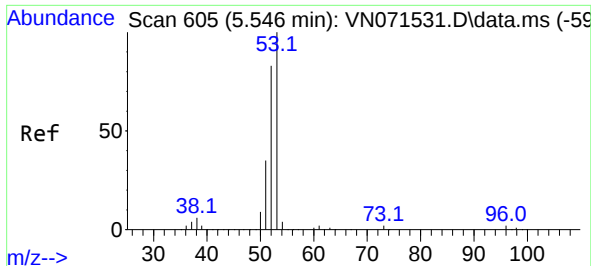


#14
Allyl chloride
Concen: 48.025 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



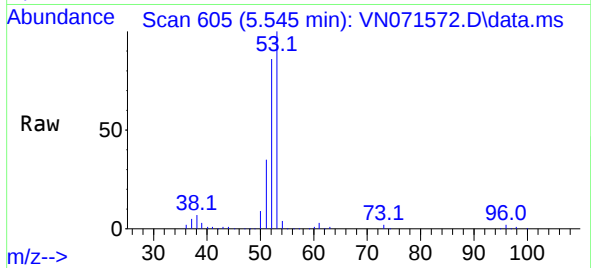
Tgt Ion: 41 Resp: 498759
Ion Ratio Lower Upper
41 100
39 66.2 53.2 79.8
76 38.4 29.9 44.9





#15
Acrylonitrile
Concen: 237.647 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

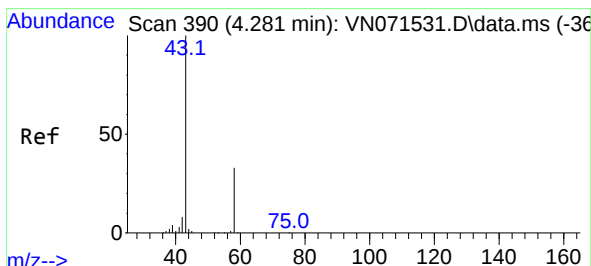
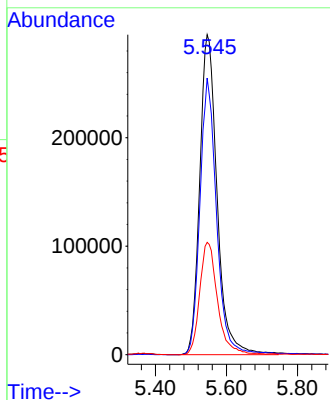
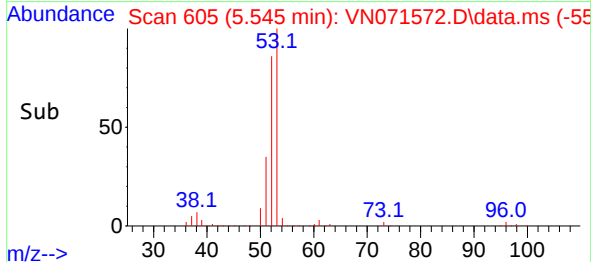
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



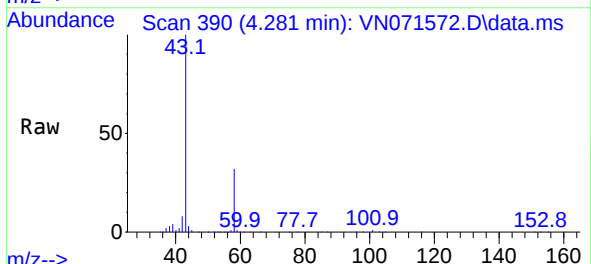
Tgt Ion: 53 Resp: 1004198
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 36.1 28.5 42.7

Manual Integrations
APPROVED

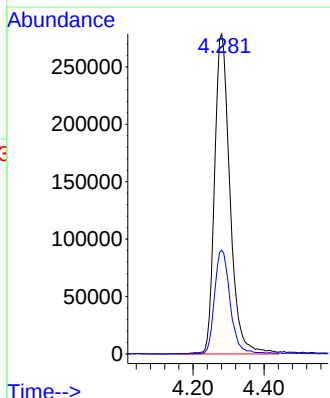
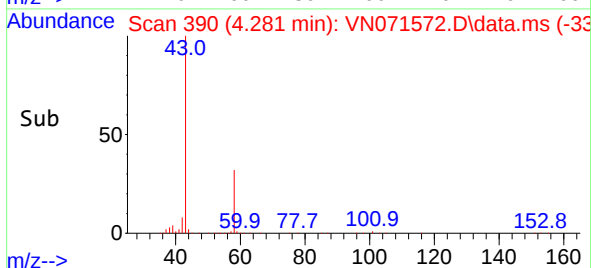
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

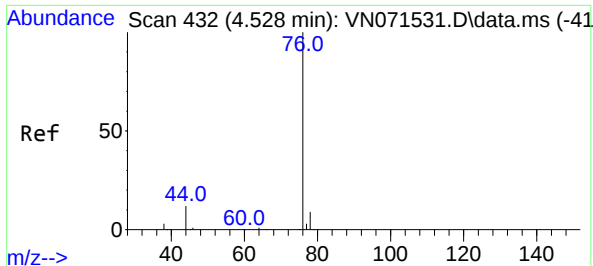


#16
Acetone
Concen: 244.966 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



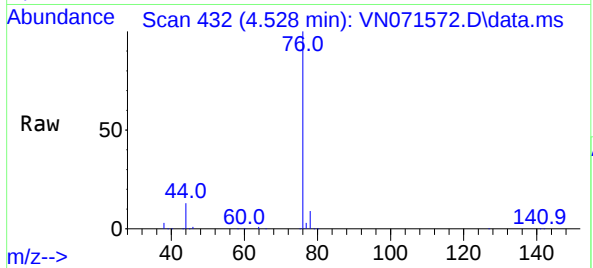
Tgt Ion: 43 Resp: 837461
Ion Ratio Lower Upper
43 100
58 32.3 26.0 39.0





#17
Carbon Disulfide
Concen: 46.452 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

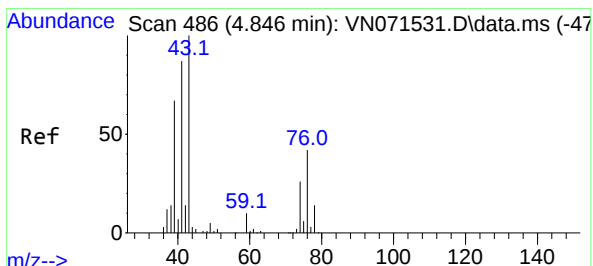
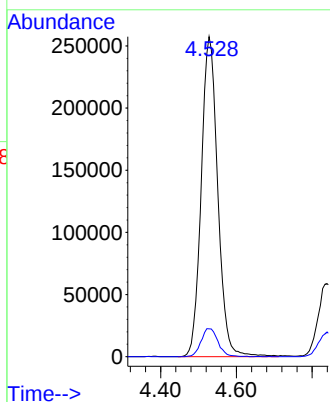
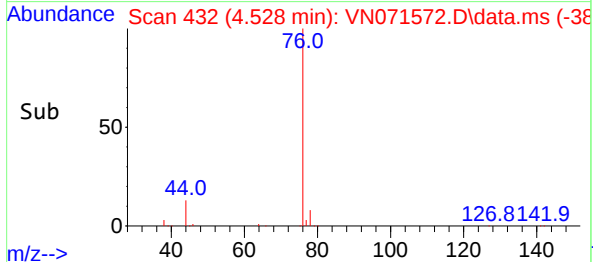
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



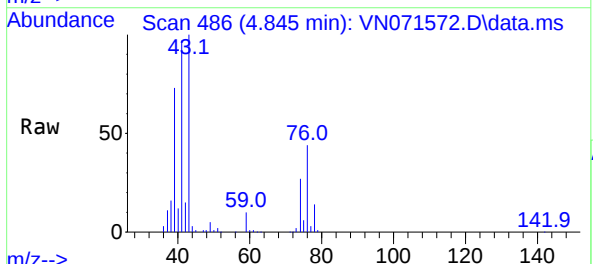
Tgt Ion: 76 Resp: 77944
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
APPROVED

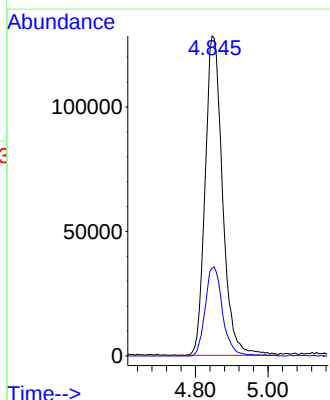
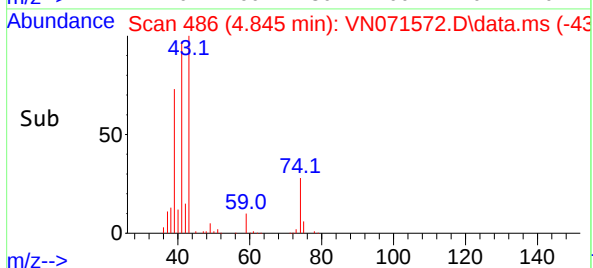
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

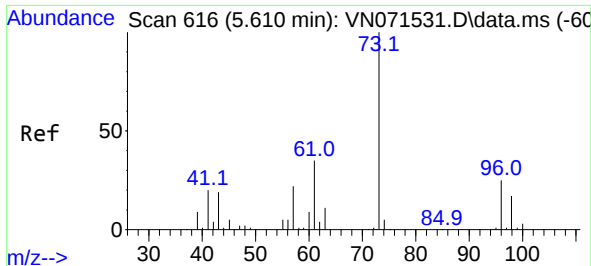


#18
Methyl Acetate
Concen: 47.686 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



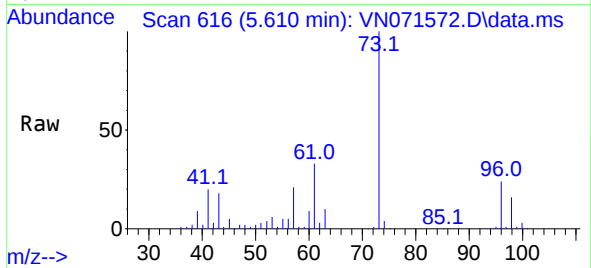
Tgt Ion: 43 Resp: 427740
Ion Ratio Lower Upper
43 100
74 27.5 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.019 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

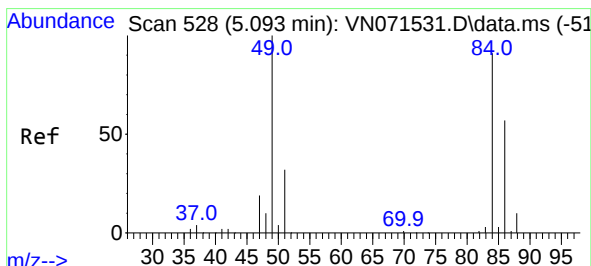
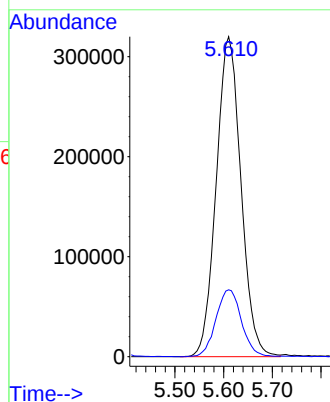
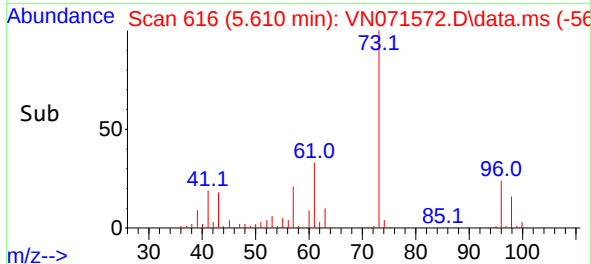
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



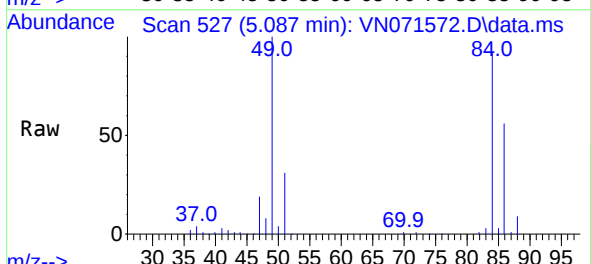
Tgt Ion: 73 Resp: 1127892
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

Manual Integrations
APPROVED

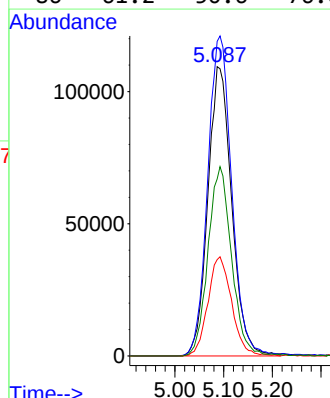
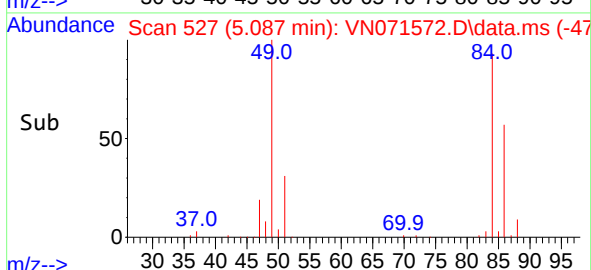
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

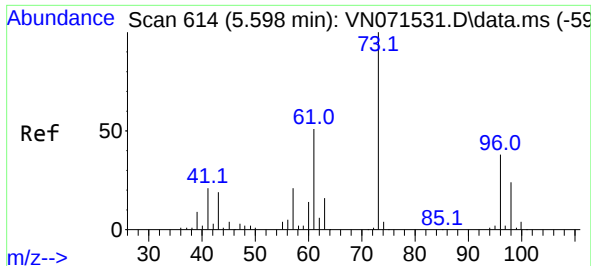


#20
Methylene Chloride
Concen: 46.768 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



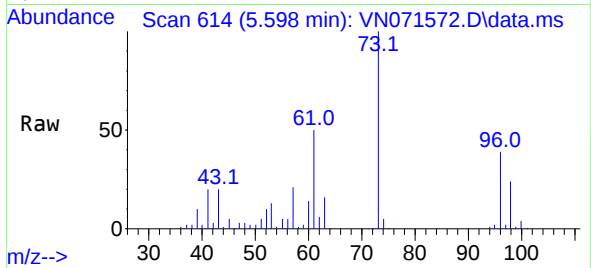
Tgt Ion: 84 Resp: 372541
Ion Ratio Lower Upper
84 100
49 108.6 88.3 132.5
51 33.3 28.2 42.2
86 61.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 48.575 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

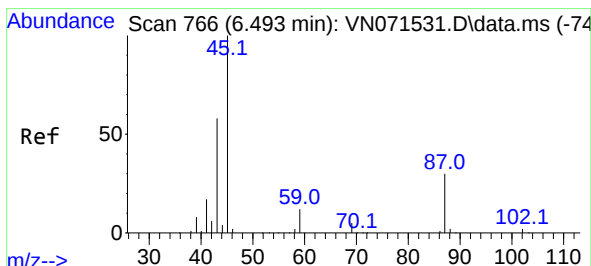
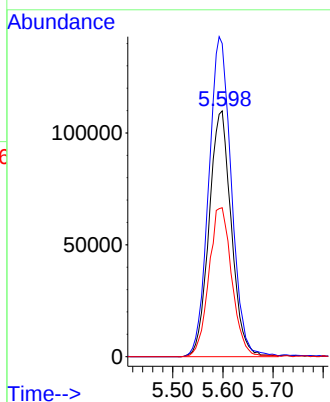
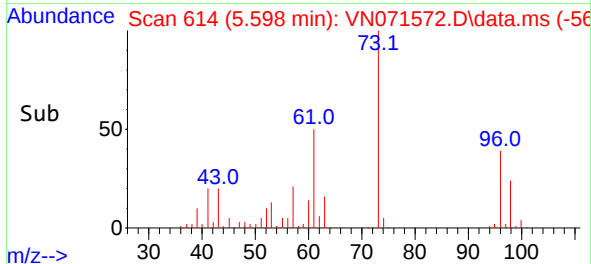
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



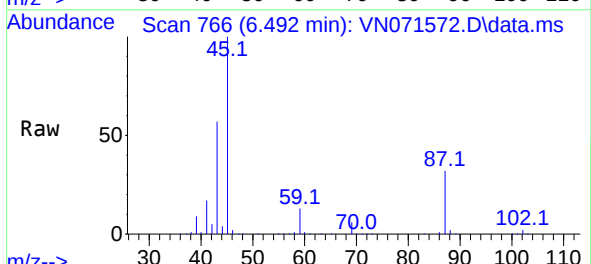
Tgt Ion: 96 Resp: 339150
Ion Ratio Lower Upper
96 100
61 127.4 105.8 158.8
98 60.6 50.3 75.5

Manual Integrations
APPROVED

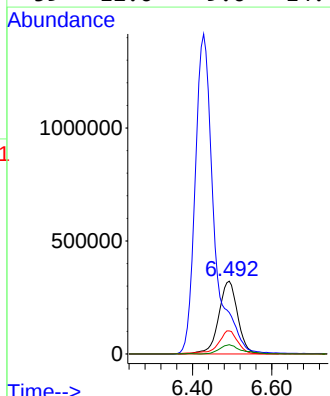
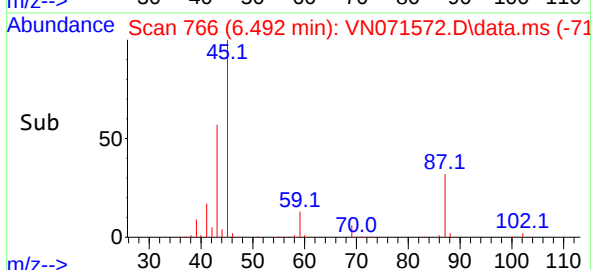
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

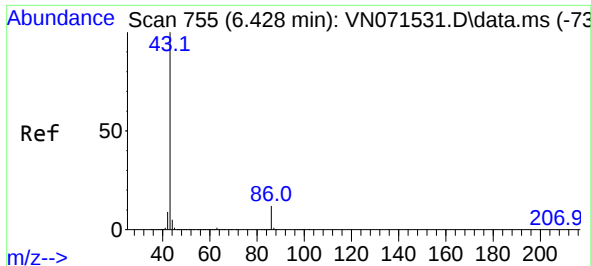


#22
Diisopropyl ether
Concen: 49.654 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



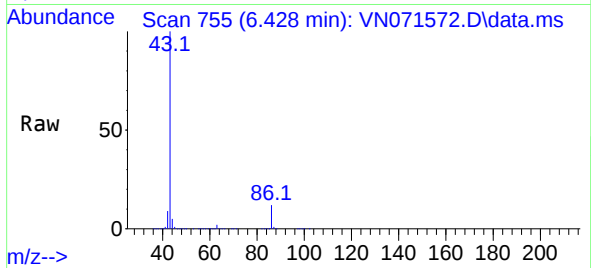
Tgt Ion: 45 Resp: 1069063
Ion Ratio Lower Upper
45 100
43 56.1 46.6 70.0
87 31.5 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 251.865 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36

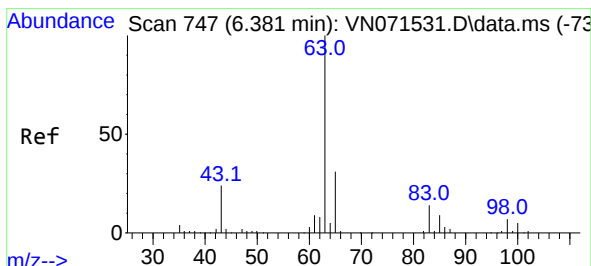
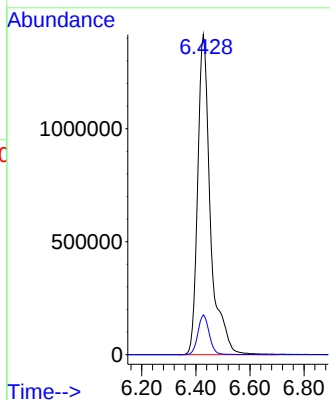
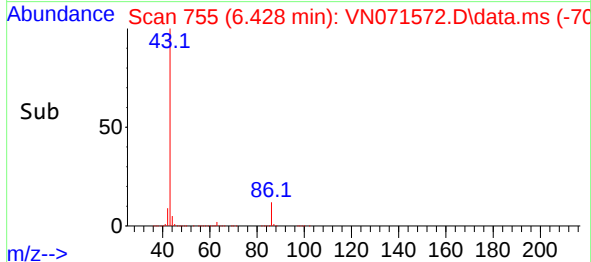
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



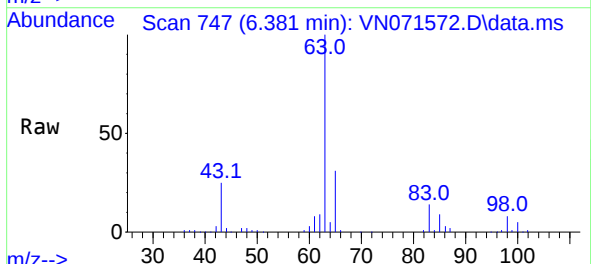
Tgt Ion: 43 Resp: 465545
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

Manual Integrations
 APPROVED

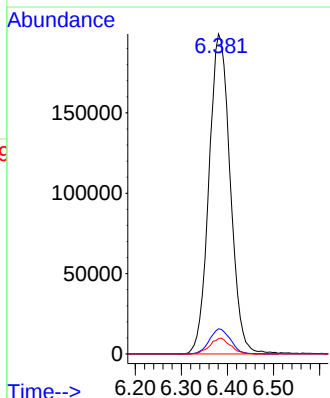
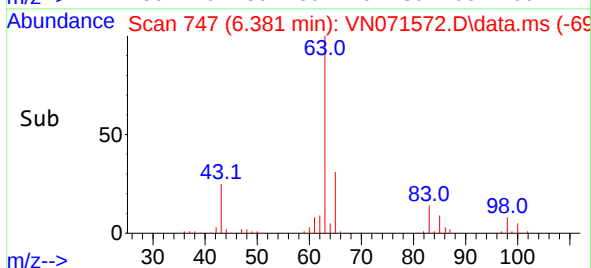
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022

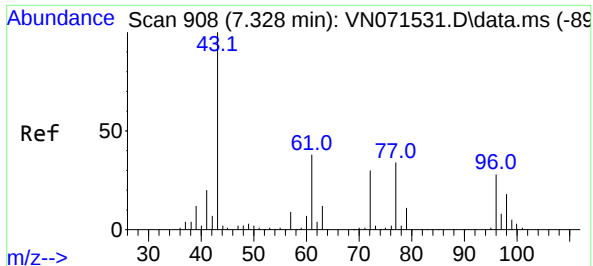


#24
 1,1-Dichloroethane
 Concen: 48.888 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36



Tgt Ion: 63 Resp: 637720
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 238.506 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071572.D

Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1308190

Ion Ratio Lower Upper

43 100

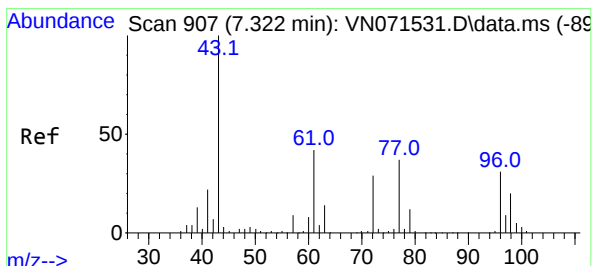
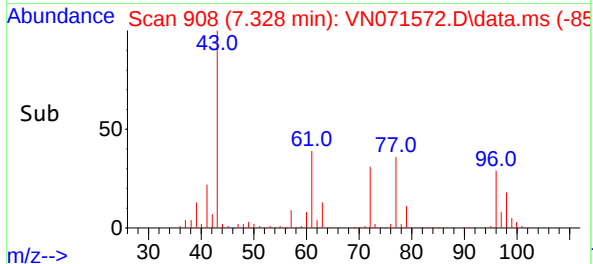
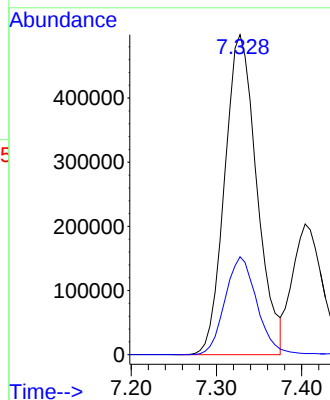
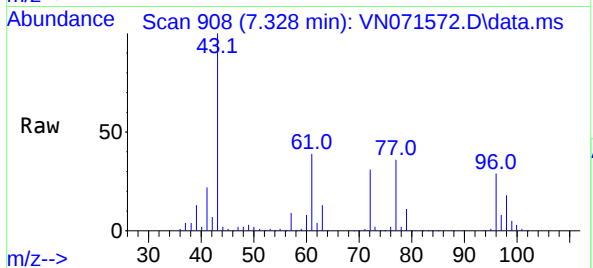
72 30.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 49.809 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071572.D

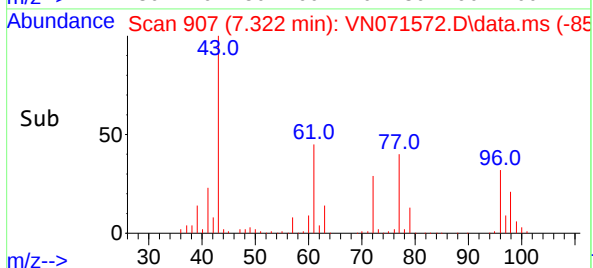
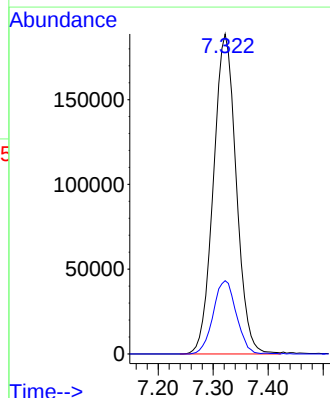
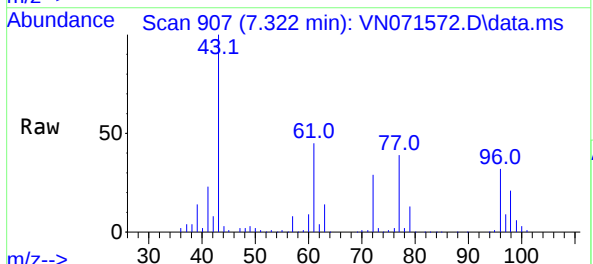
Acq: 26 Mar 2022 14:36

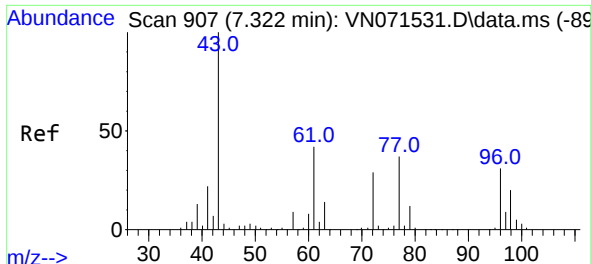
Tgt Ion: 77 Resp: 543582

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.2





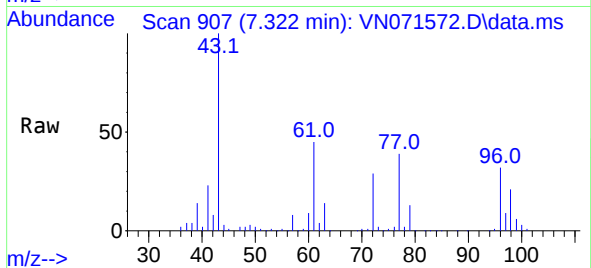
#27
 cis-1,2-Dichloroethene
 Concen: 49.331 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

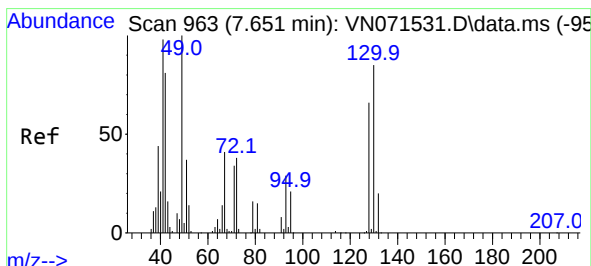
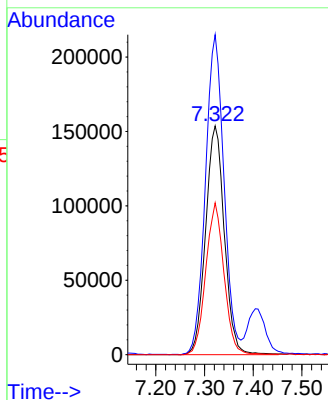
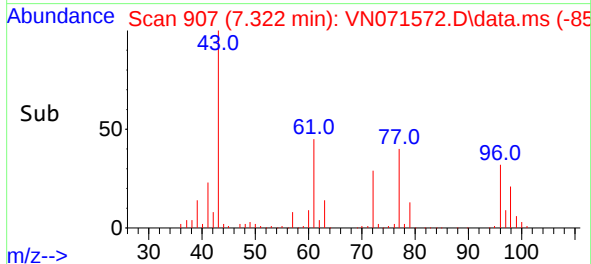


Tgt Ion: 96 Resp: 41065
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 280.6
 98 64.8 0.0 128.4

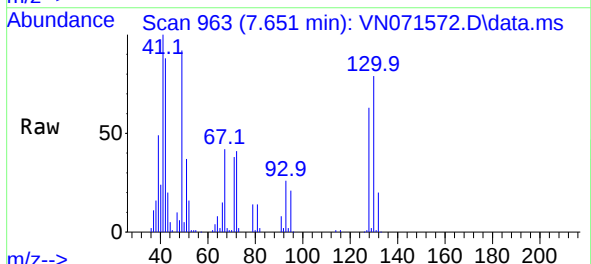
Manual Integrations

APPROVED

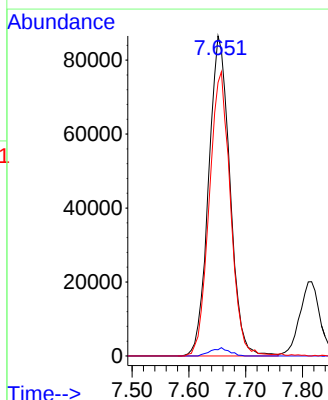
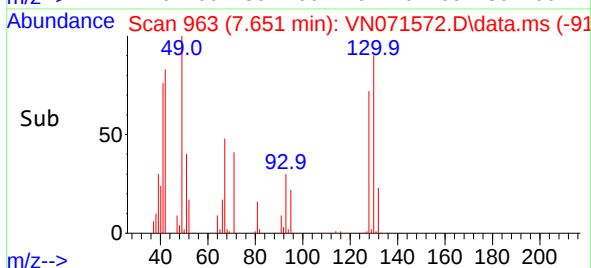
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022

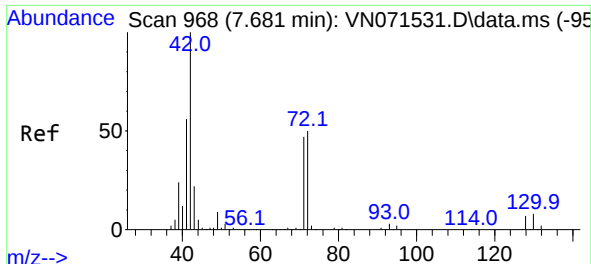


#28
 Bromochloromethane
 Concen: 42.296 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36



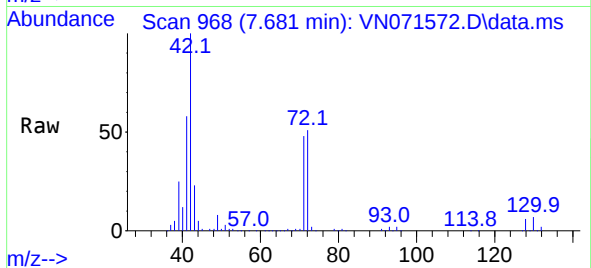
Tgt Ion: 49 Resp: 225447
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 87.8 69.7 104.5





#29
Tetrahydrofuran
Concen: 234.887 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

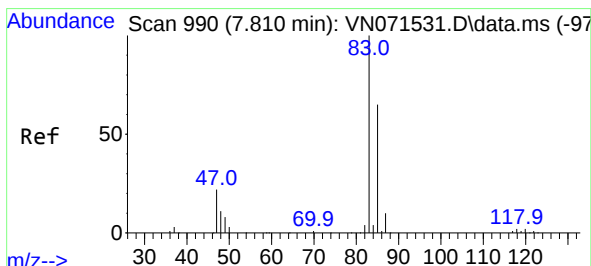
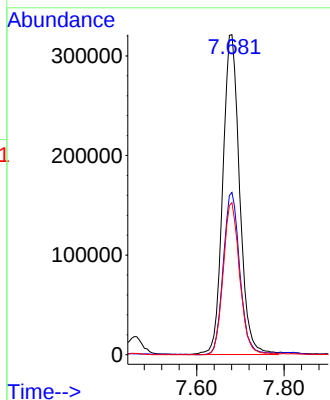
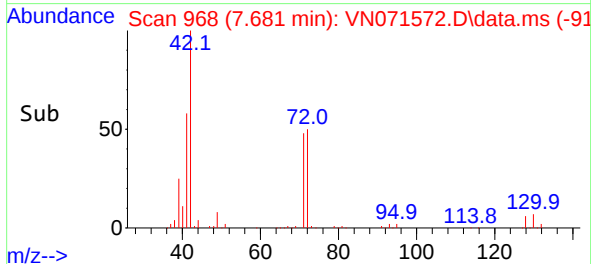
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



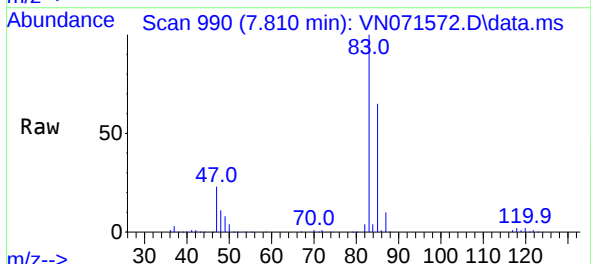
Tgt Ion: 42 Resp: 856659
Ion Ratio Lower Upper
42 100
72 50.1 39.7 59.5
71 46.6 36.6 55.0

Manual Integrations
APPROVED

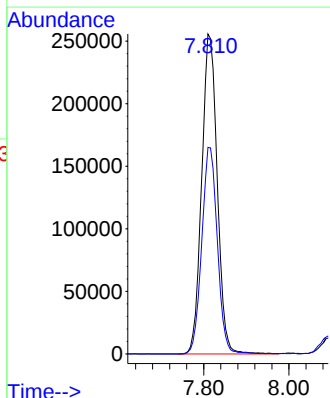
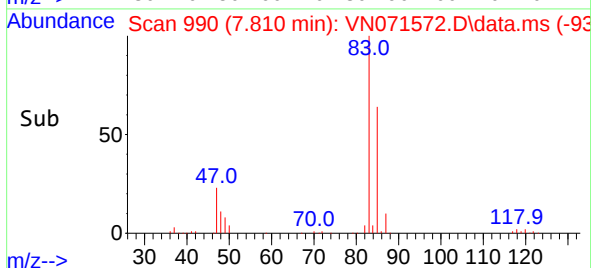
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

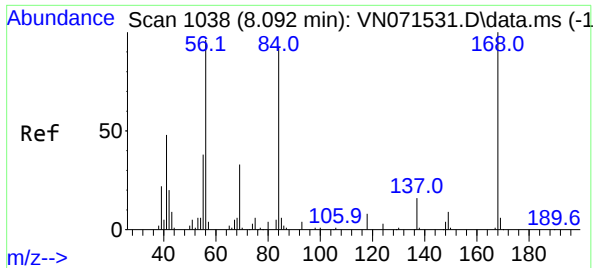


#30
Chloroform
Concen: 49.568 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



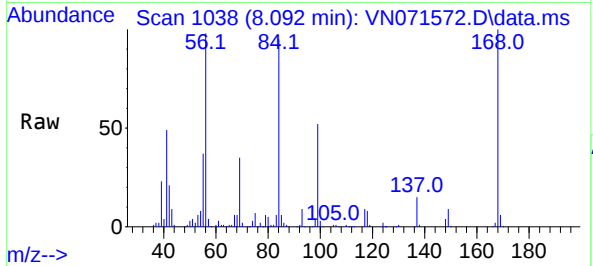
Tgt Ion: 83 Resp: 648186
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8





#31
Cyclohexane
Concen: 47.389 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

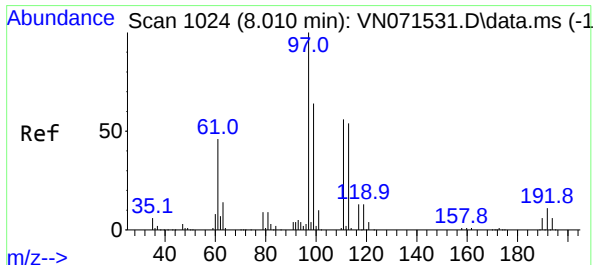
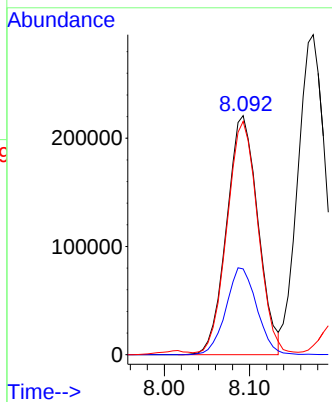
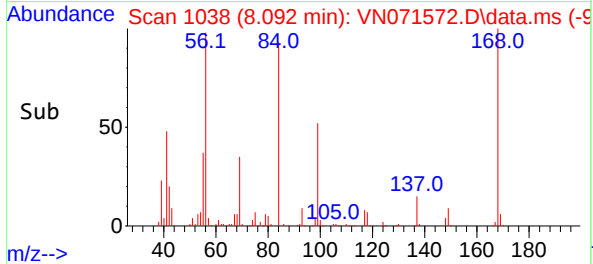
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



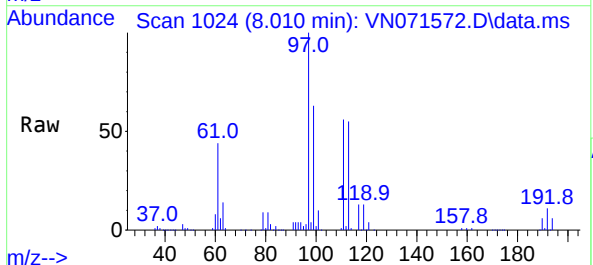
Tgt Ion: 56 Resp: 565570
Ion Ratio Lower Upper
56 100
69 35.9 27.8 41.8
84 95.8 76.9 115.3

Manual Integrations
APPROVED

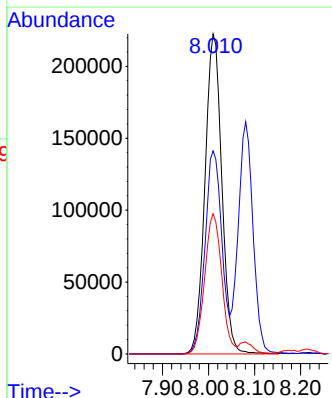
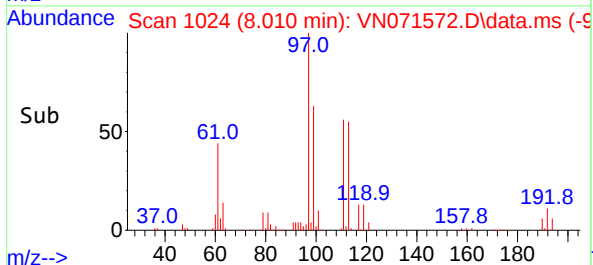
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

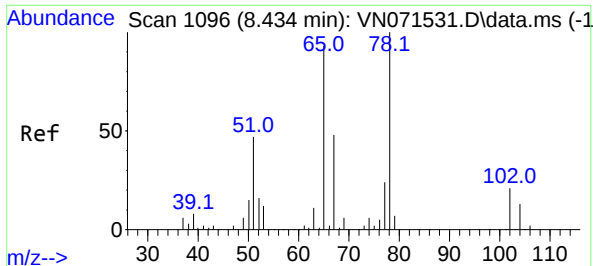


#32
1,1,1-Trichloroethane
Concen: 49.824 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion: 97 Resp: 567551
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 44.6 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 46.207 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

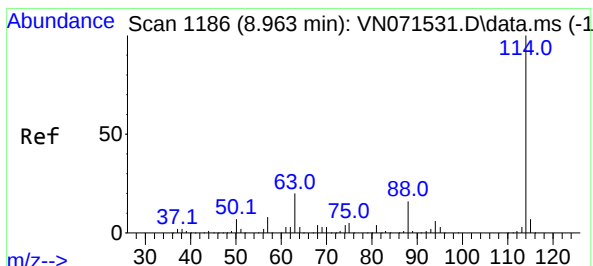
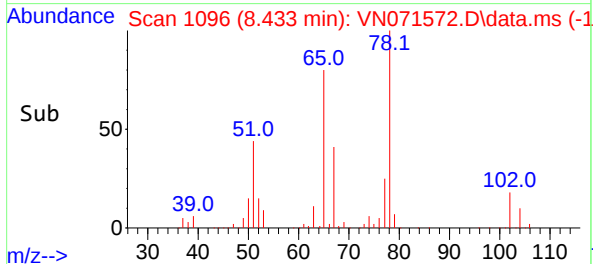
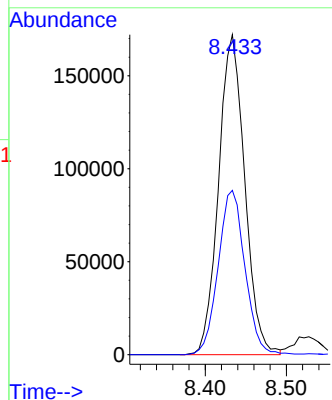
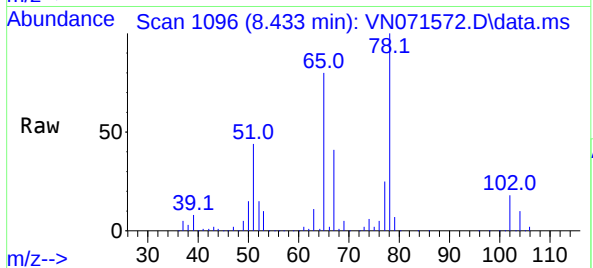
VSTDCCC050

Tgt Ion: 65 Resp: 38538
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

Manual Integrations

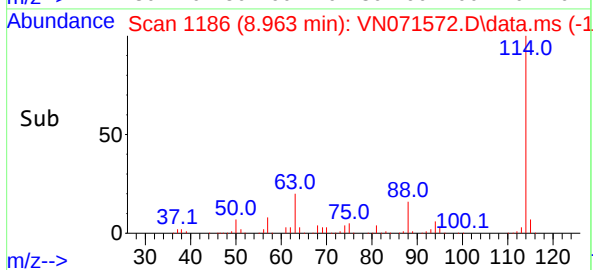
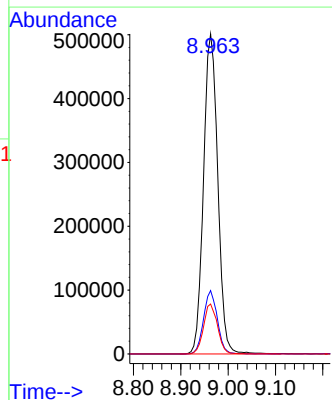
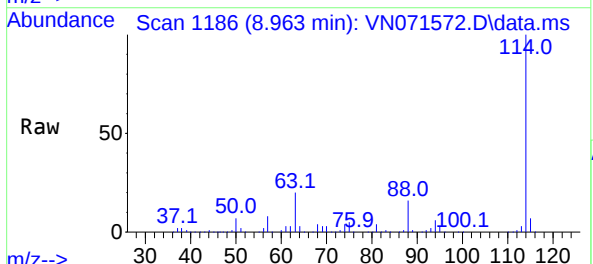
APPROVED

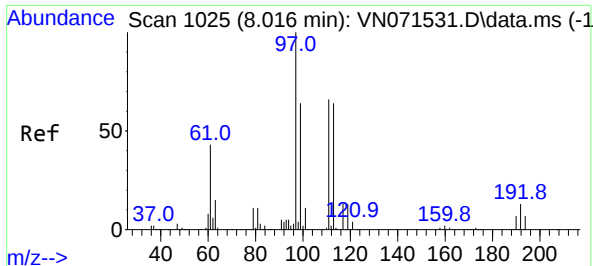
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

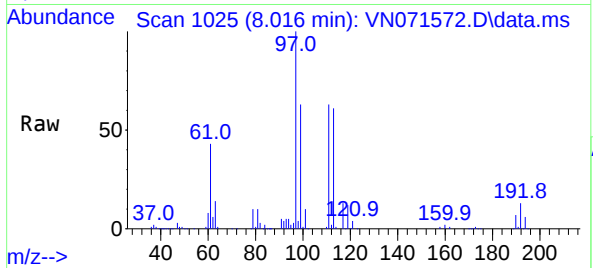
Tgt Ion:114 Resp: 1047459
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.0
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.172 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

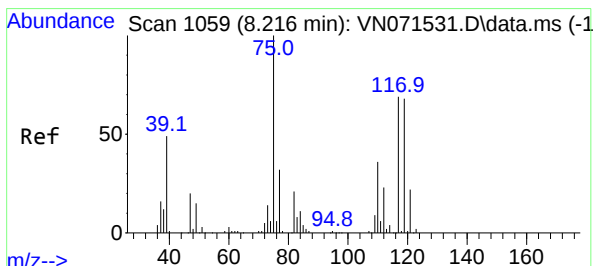
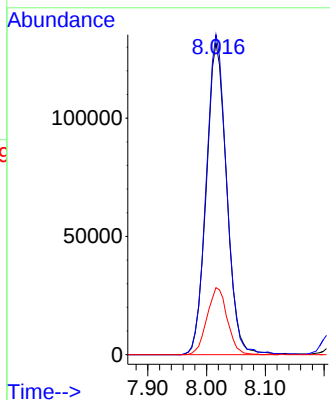
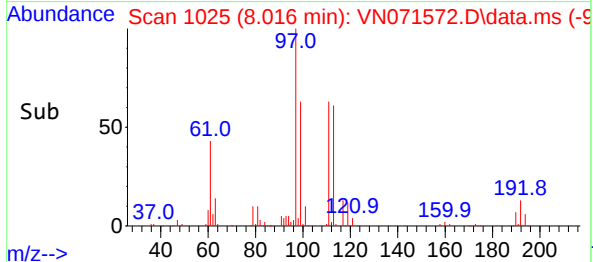
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



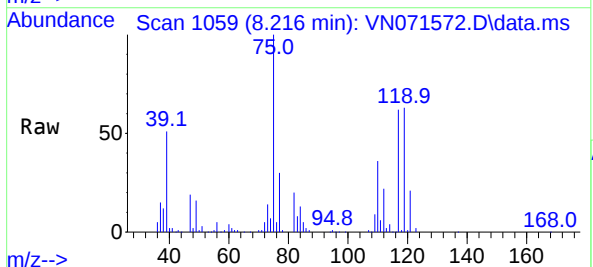
Tgt Ion:113 Resp: 31711
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.3 17.0 25.6

Manual Integrations
APPROVED

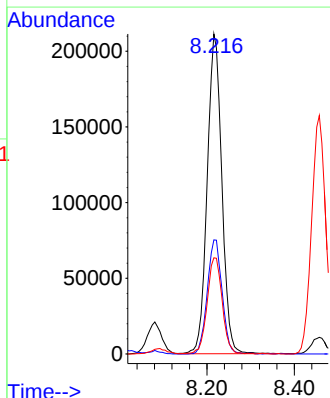
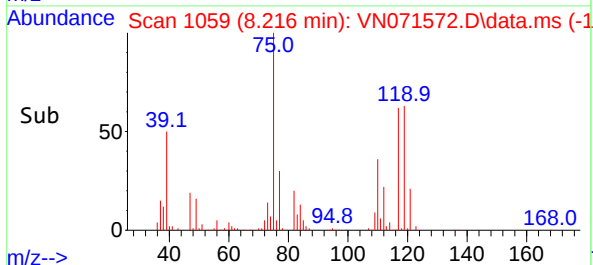
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

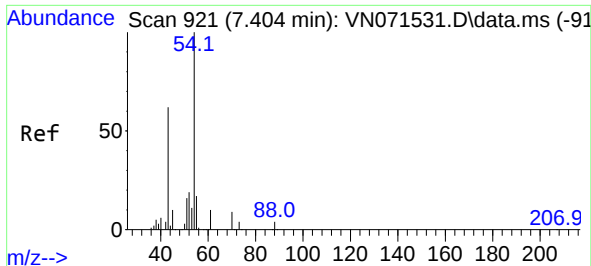


#36
1,1-Dichloropropene
Concen: 51.769 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



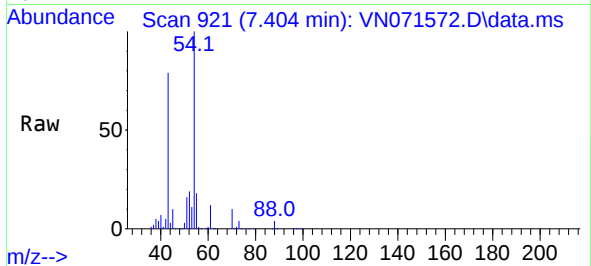
Tgt Ion: 75 Resp: 491360
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 30.7 25.1 37.7





#37
Ethyl Acetate
Concen: 50.525 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

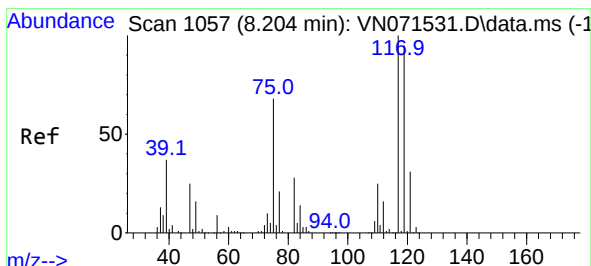
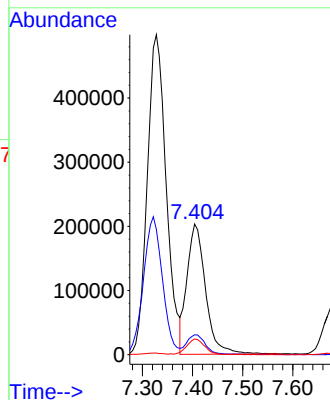
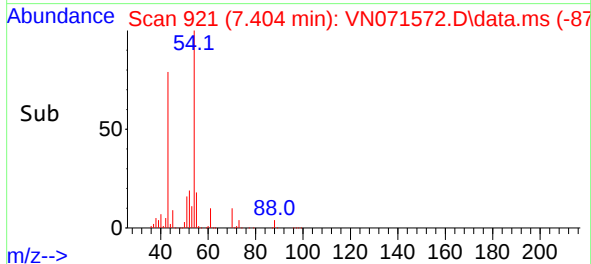
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 522709
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 11.5 9.3 13.9

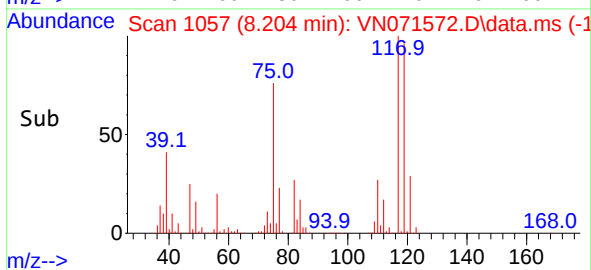
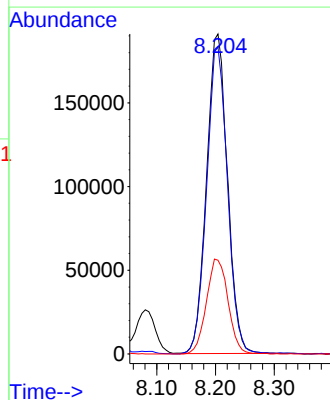
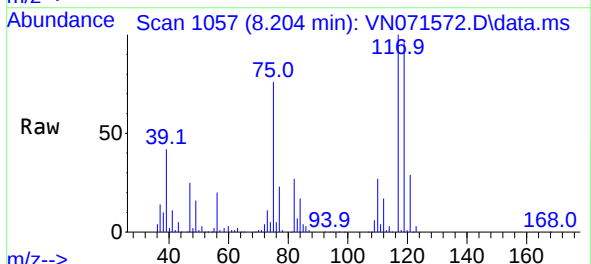
Manual Integrations
APPROVED

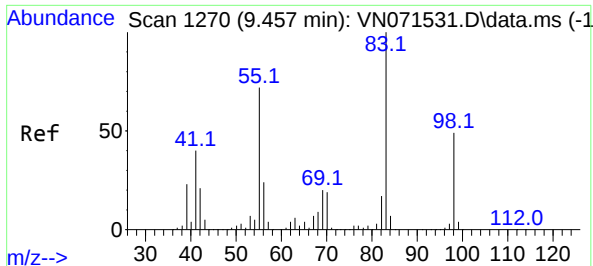
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 51.085 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Tgt Ion:117 Resp: 472640
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 54.223 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071572.D

Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

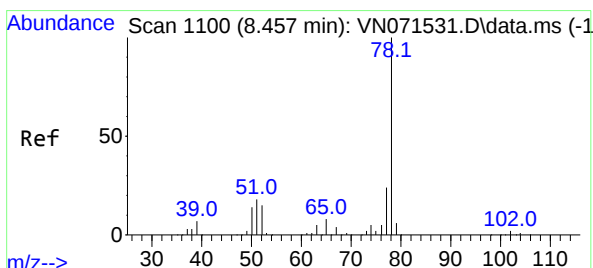
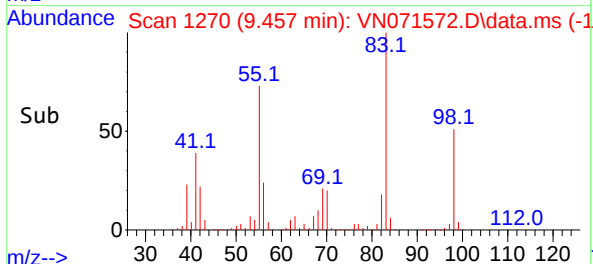
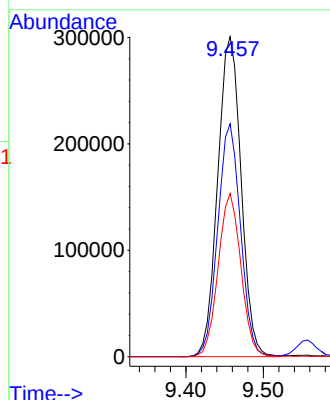
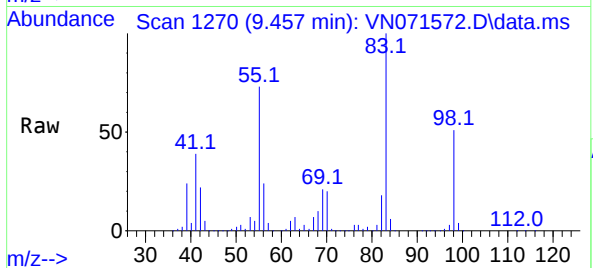
Tgt Ion: 83 Resp: 631402
 Ion Ratio Lower Upper
 83 100
 55 72.8 57.8 86.8
 98 51.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#40

Benzene

Concen: 50.306 ug/l

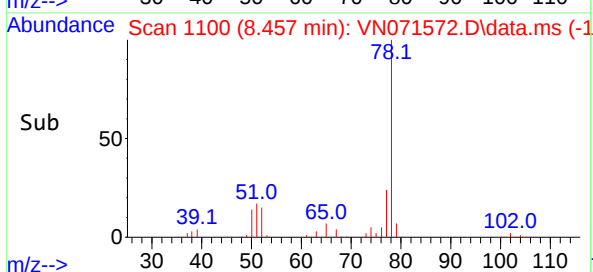
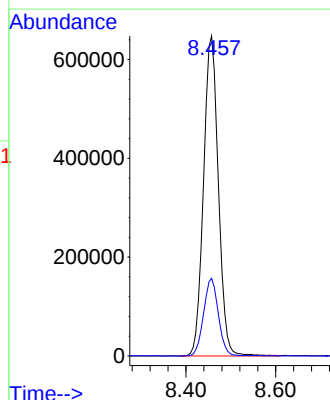
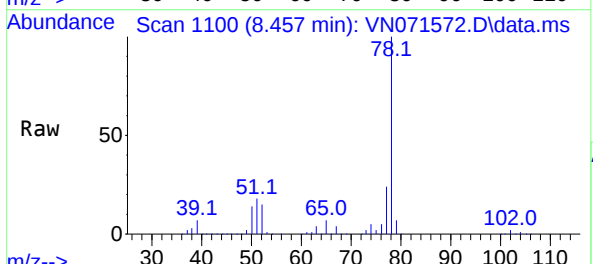
RT: 8.457 min Scan# 1100

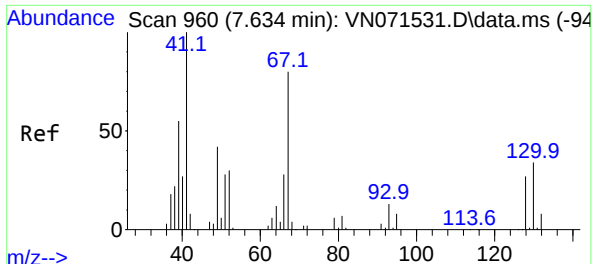
Delta R.T. -0.000 min

Lab File: VN071572.D

Acq: 26 Mar 2022 14:36

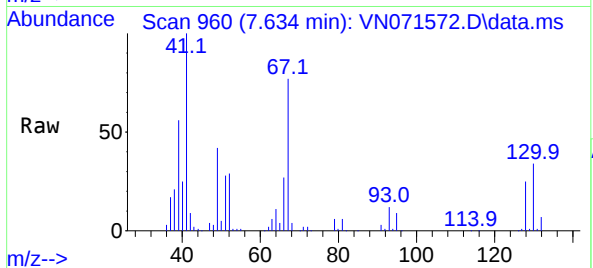
Tgt Ion: 78 Resp: 1486293
 Ion Ratio Lower Upper
 78 100
 77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 57.741 ug/l
RT: 7.634 min Scan# 960
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

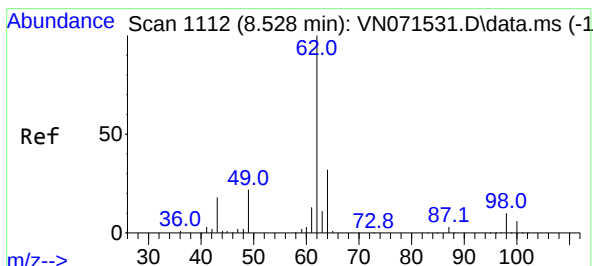
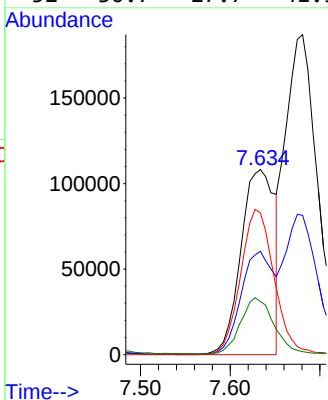
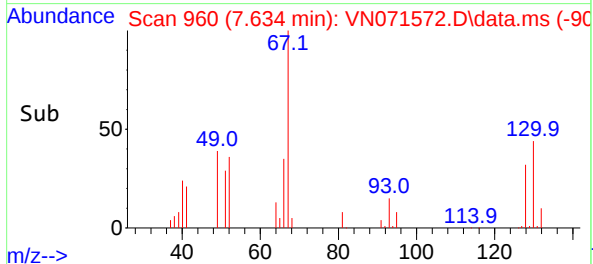
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 283608
Ion Ratio Lower Upper
41 100
39 53.7 48.6 73.0
67 78.0 73.4 110.2
52 30.7 27.7 41.5

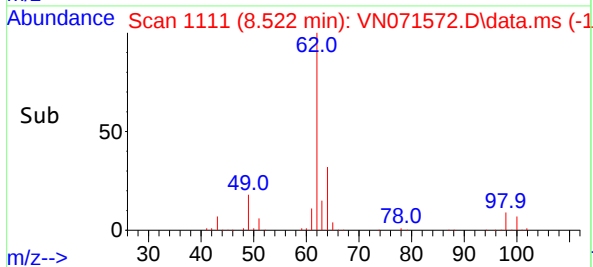
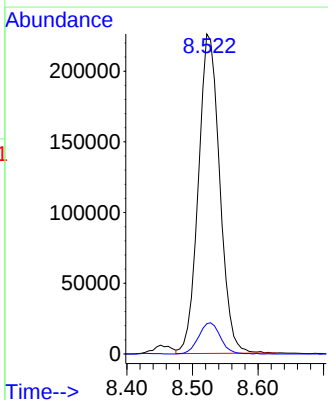
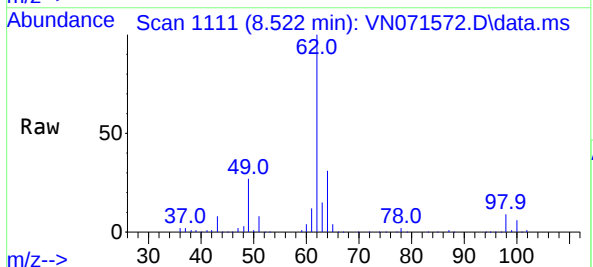
Manual Integrations
APPROVED

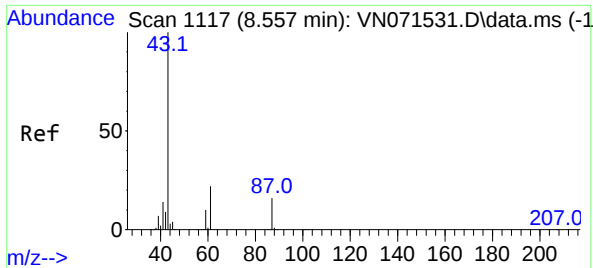
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 49.673 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

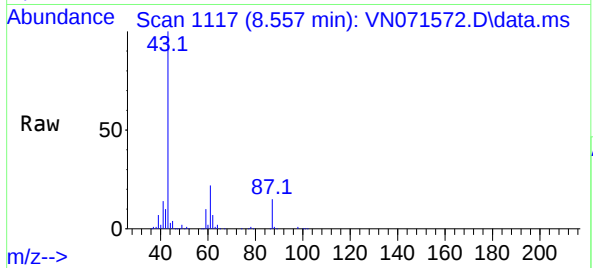
Tgt Ion: 62 Resp: 511896
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 49.854 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

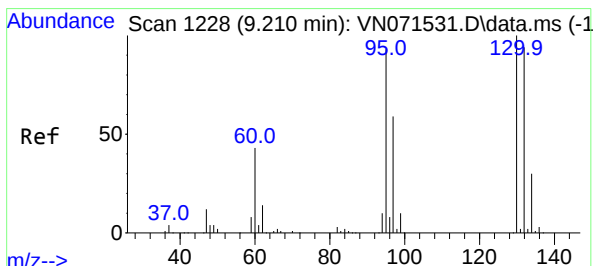
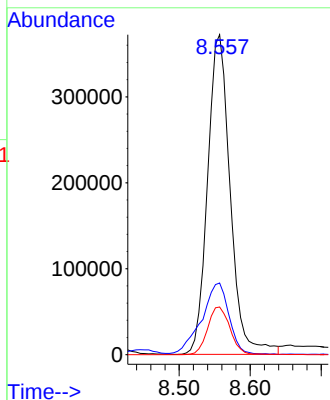
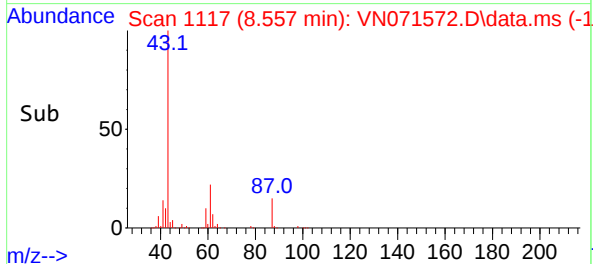
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 82451
Ion Ratio Lower Upper
43 100
61 27.1 21.9 32.9
87 14.8 12.0 18.0

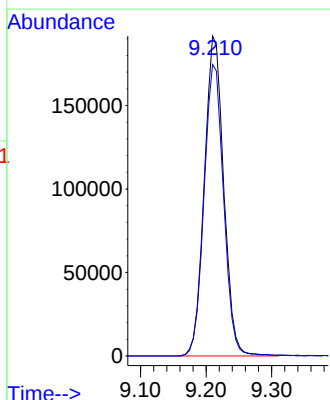
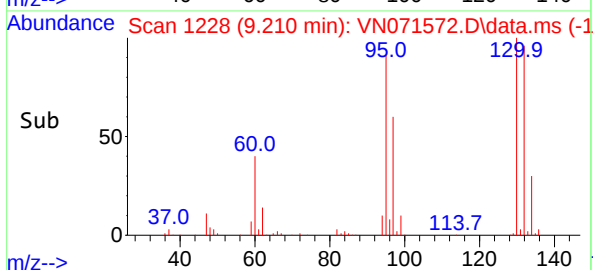
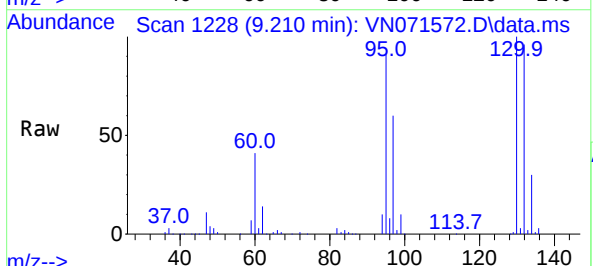
Manual Integrations
APPROVED

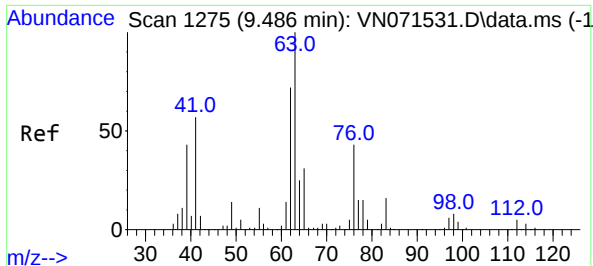
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#44
Trichloroethene
Concen: 51.344 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Tgt Ion:130 Resp: 393771
Ion Ratio Lower Upper
130 100
95 91.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 50.612 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071572.D

Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 370414

Ion Ratio Lower Upper

63 100

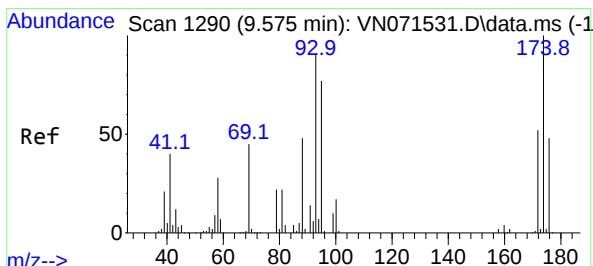
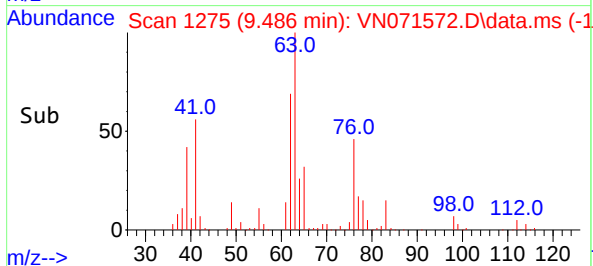
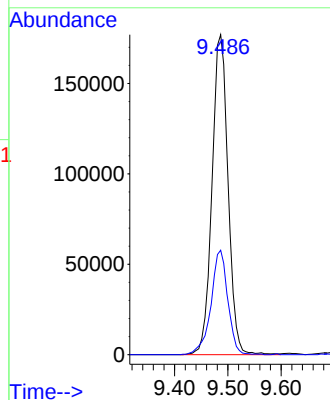
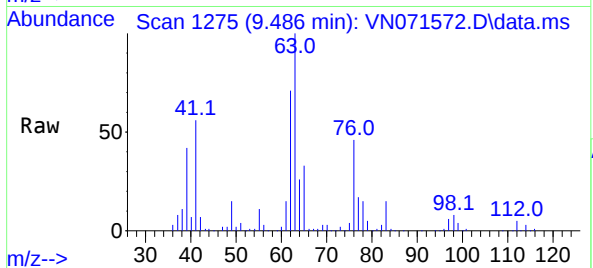
65 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2022

Supervised By :Mahesh Dadoda 03/28/2022



#46

Dibromomethane

Concen: 51.200 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071572.D

Acq: 26 Mar 2022 14:36

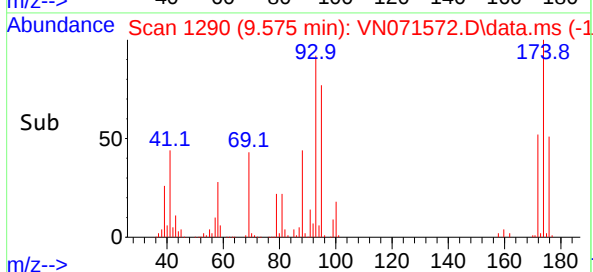
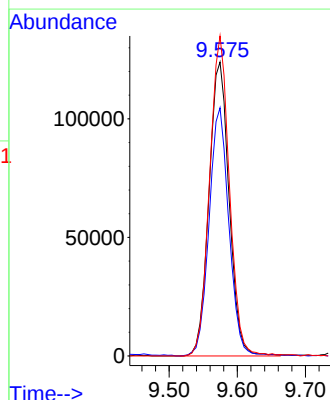
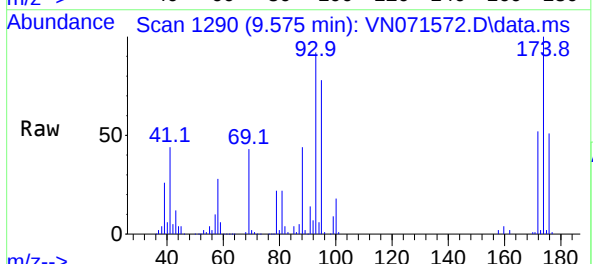
Tgt Ion: 93 Resp: 255038

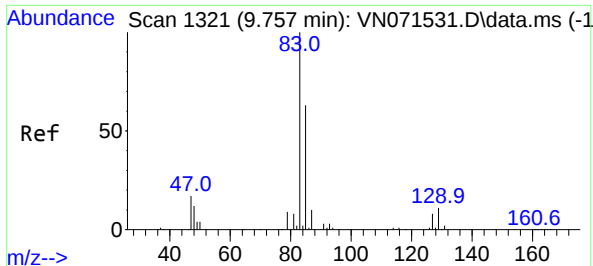
Ion Ratio Lower Upper

93 100

95 83.2 66.9 100.3

174 107.3 86.6 130.0





#47
Bromodichloromethane
Concen: 51.631 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

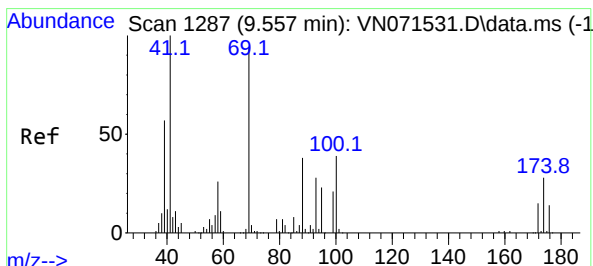
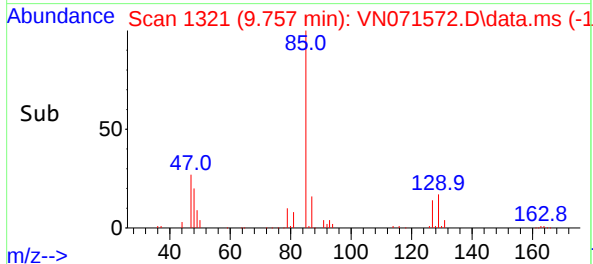
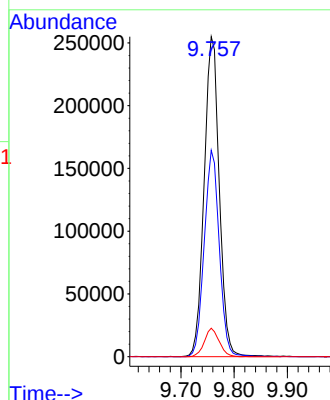
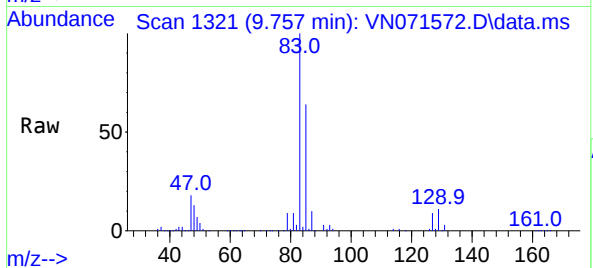
VSTDCCC050

Tgt Ion: 83 Resp: 504080
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.9 6.8 10.2

Manual Integrations

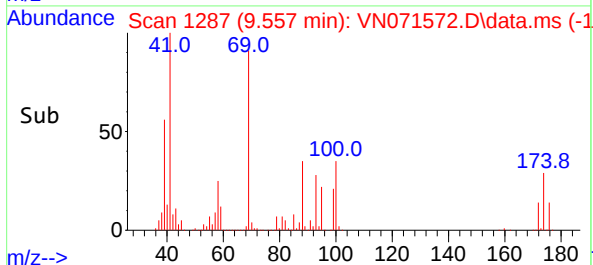
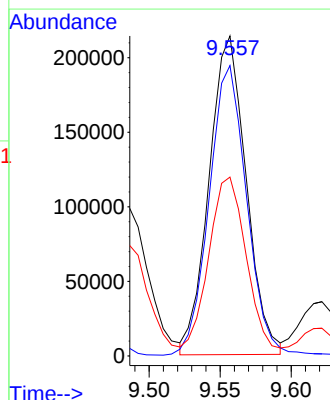
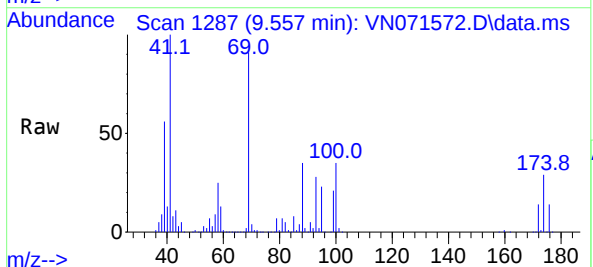
APPROVED

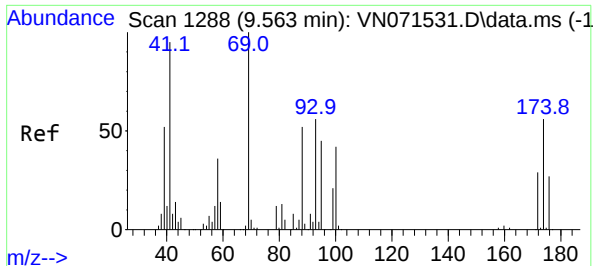
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#48
Methyl methacrylate
Concen: 52.032 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

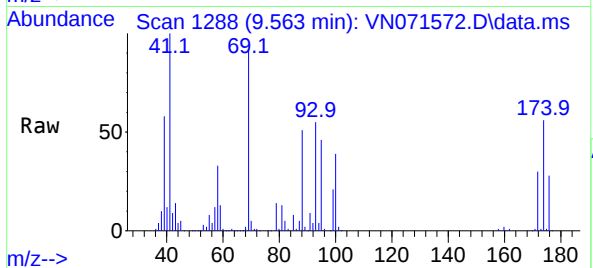
Tgt Ion: 41 Resp: 388616
Ion Ratio Lower Upper
41 100
69 92.9 74.7 112.1
39 57.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1041.687 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

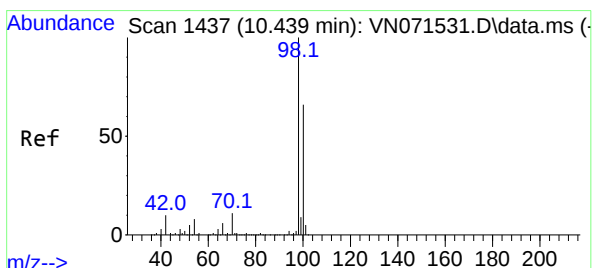
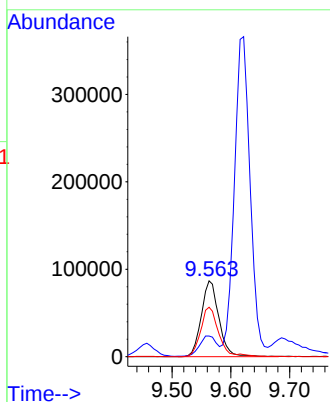
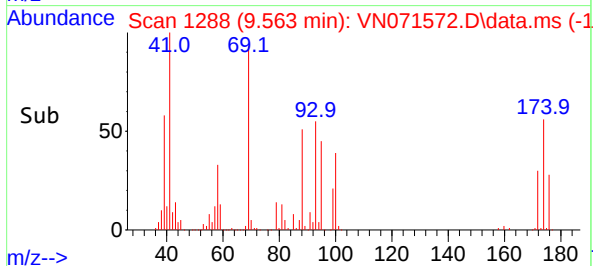
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 179529
Ion Ratio Lower Upper
88 100
43 26.2 20.2 30.4
58 67.1 54.2 81.4

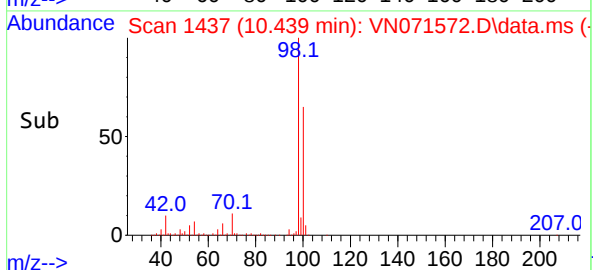
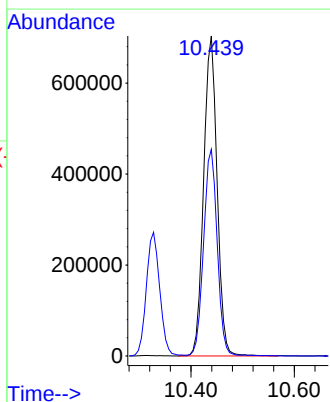
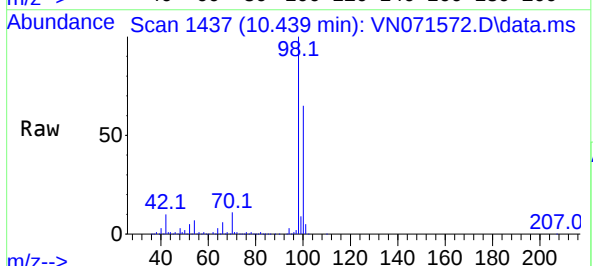
Manual Integrations
APPROVED

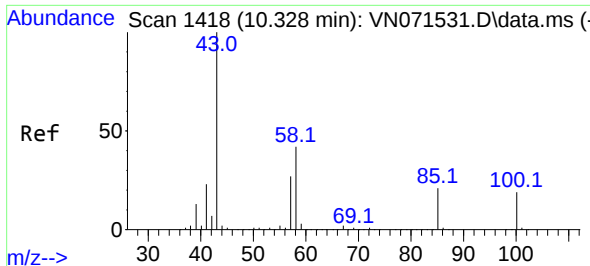
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#50
Toluene-d8
Concen: 47.847 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Tgt Ion: 98 Resp: 1270461
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





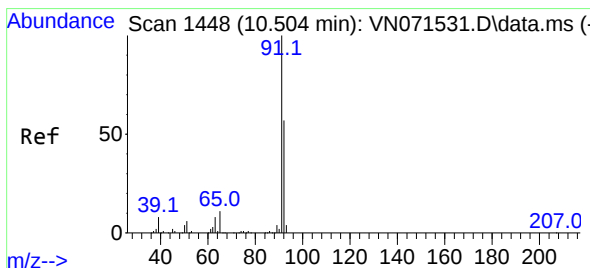
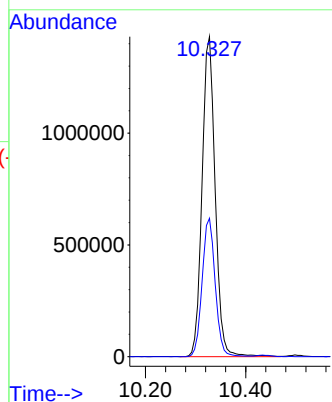
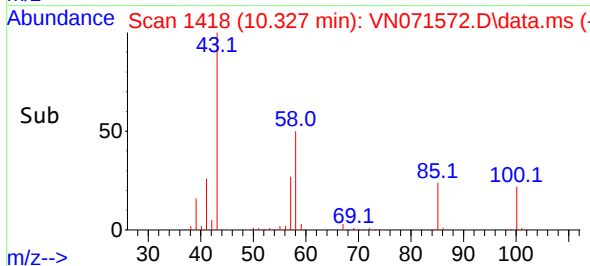
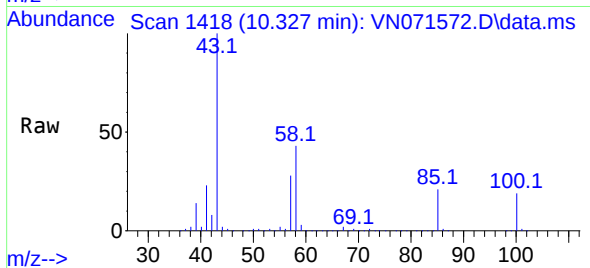
#51
4-Methyl-2-Pentanone
Concen: 250.556 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2595170
Ion Ratio Lower Upper
43 100
58 43.2 34.1 51.1

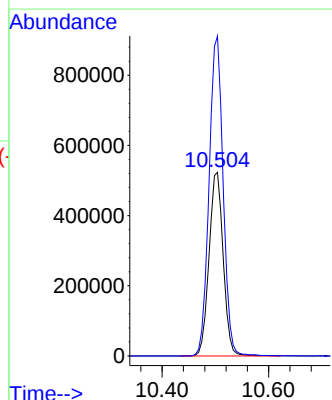
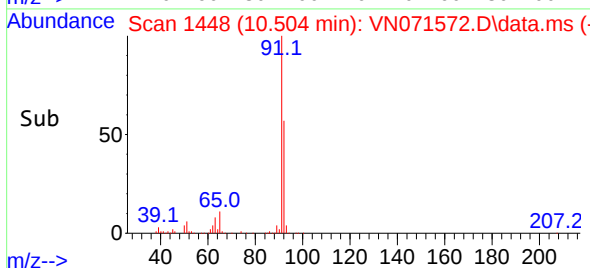
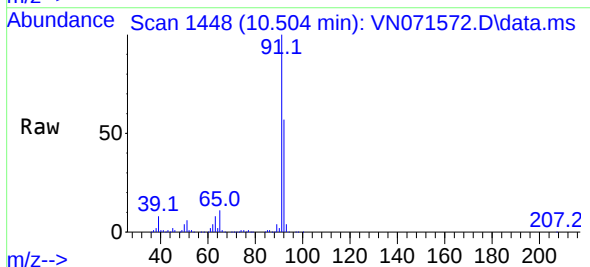
Manual Integrations
APPROVED

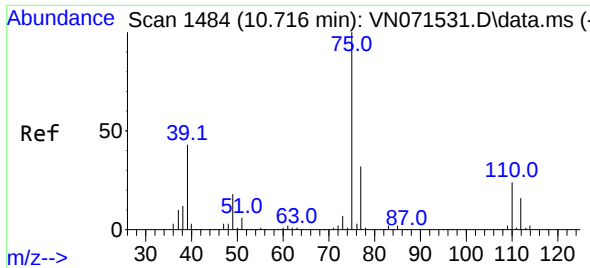
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#52
Toluene
Concen: 52.023 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Tgt Ion: 92 Resp: 962000
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.472 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

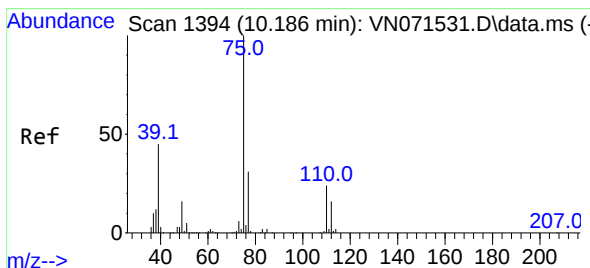
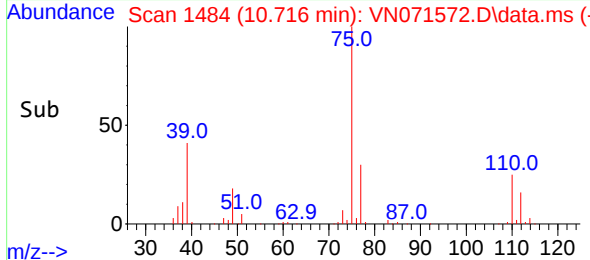
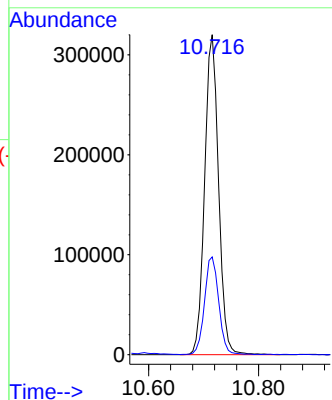
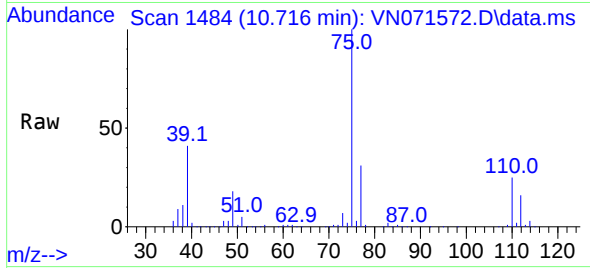
VSTDCCC050

Tgt Ion: 75 Resp: 561360
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations

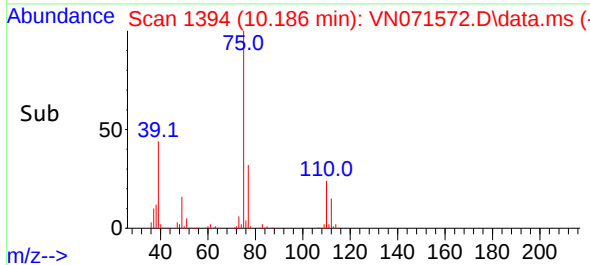
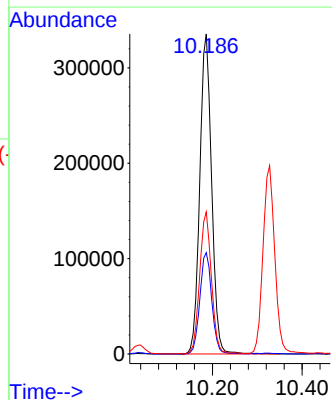
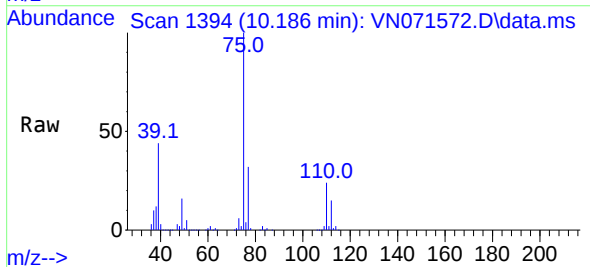
APPROVED

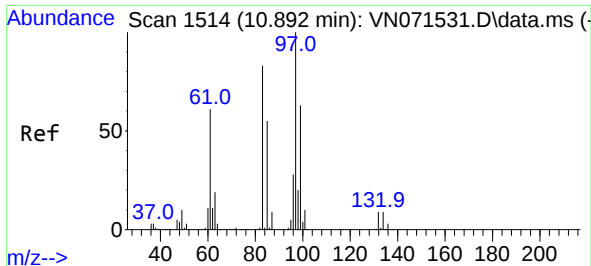
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#54
cis-1,3-Dichloropropene
Concen: 52.987 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

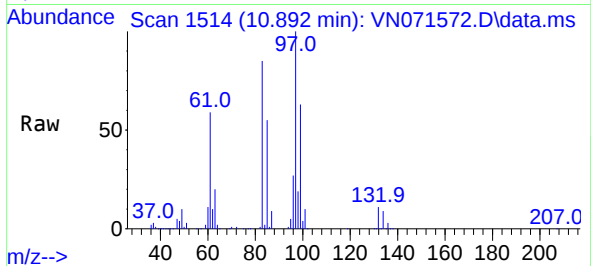
Tgt Ion: 75 Resp: 613437
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 44.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 50.391 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

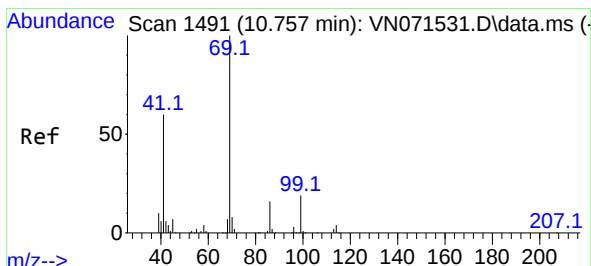
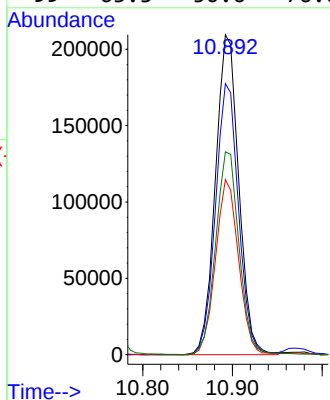
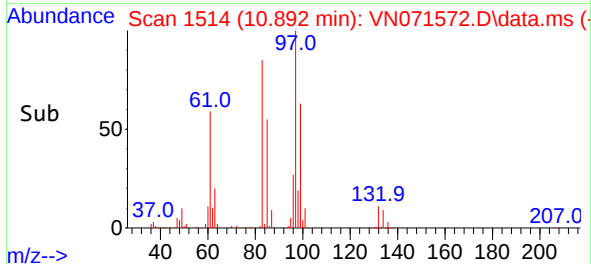


Tgt Ion: 97 Resp: 377768

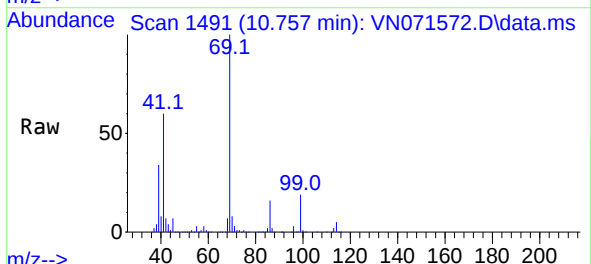
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.2	99.4
85	54.7	43.9	65.9
99	63.3	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

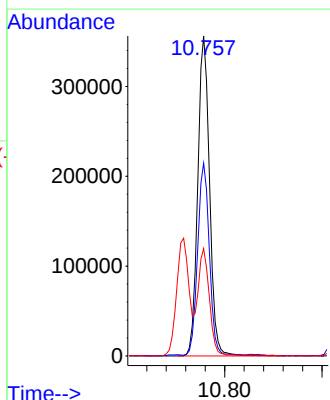
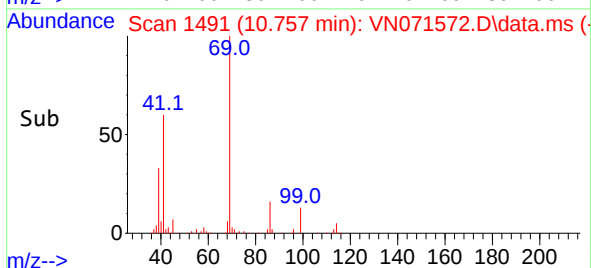


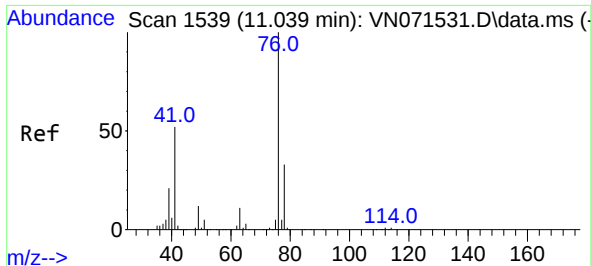
#56
Ethyl methacrylate
Concen: 53.179 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion: 69 Resp: 600956

Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.8	71.6
39	33.1	27.3	40.9





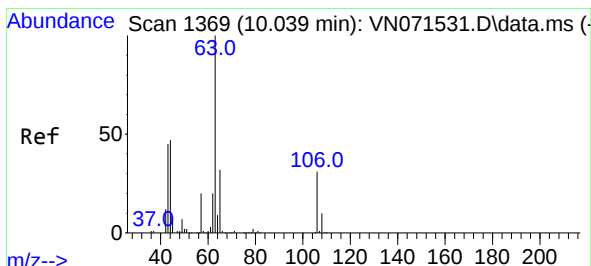
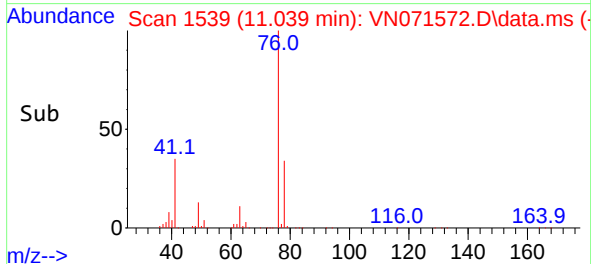
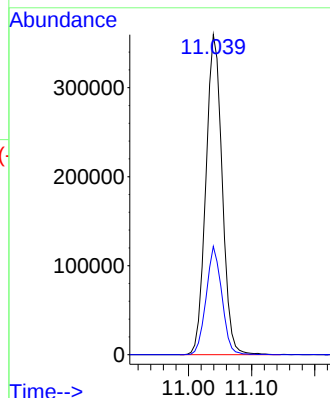
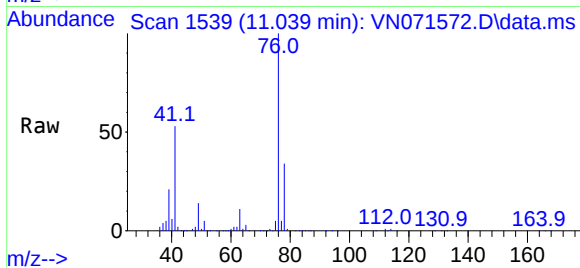
#57
1,3-Dichloropropane
Concen: 50.988 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 643150
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

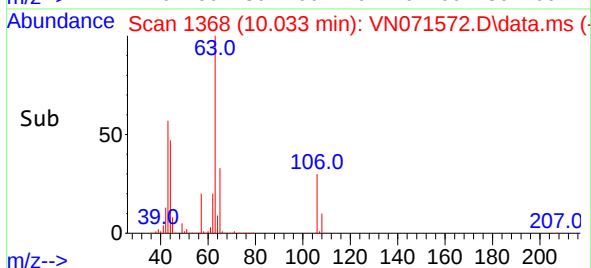
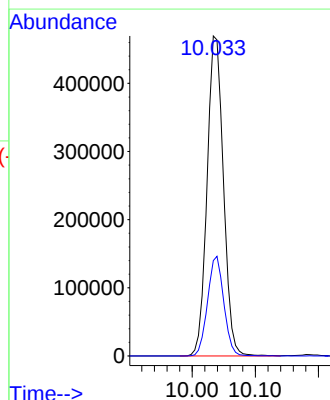
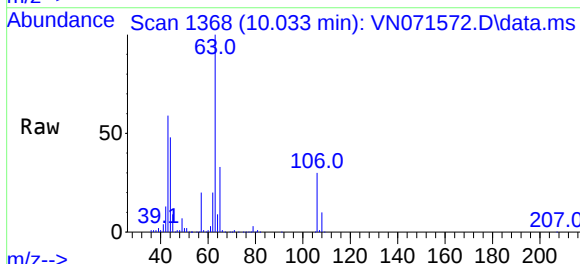
Manual Integrations
APPROVED

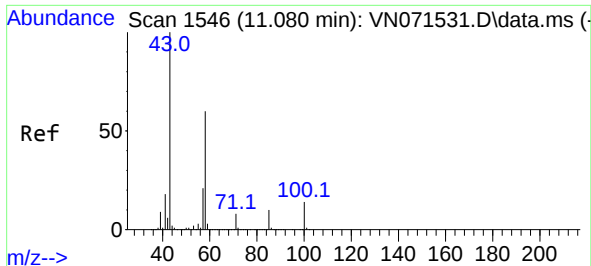
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#58
2-Chloroethyl Vinyl ether
Concen: 237.966 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

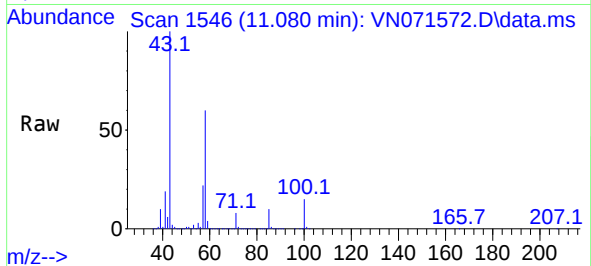
Tgt Ion: 63 Resp: 845465
Ion Ratio Lower Upper
63 100
106 30.8 24.6 36.8





#59
2-Hexanone
Concen: 254.270 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

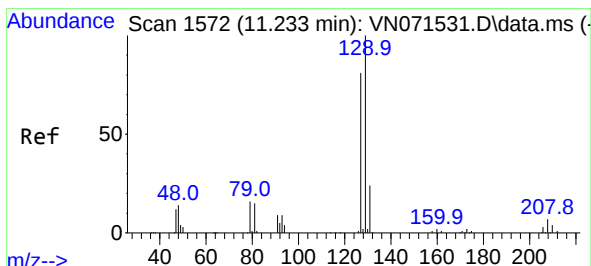
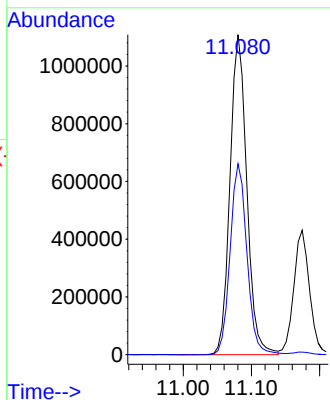
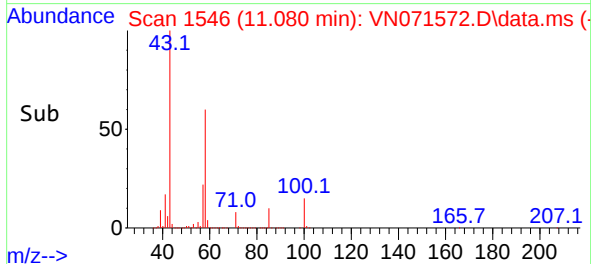
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 189858
Ion Ratio Lower Upper
43 100
58 59.8 29.7 89.1

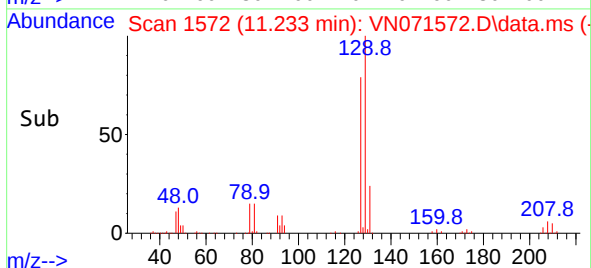
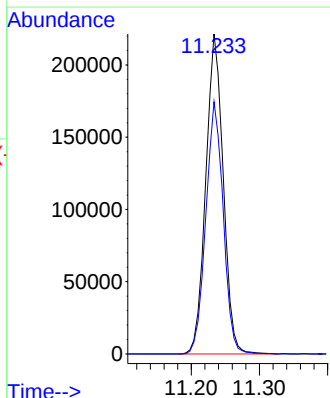
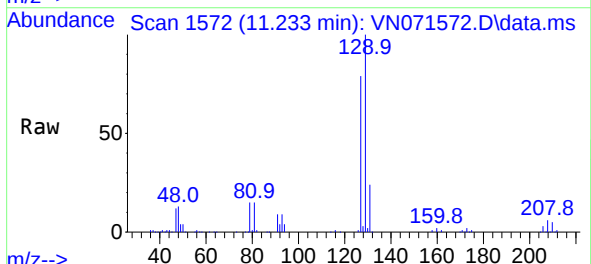
Manual Integrations
APPROVED

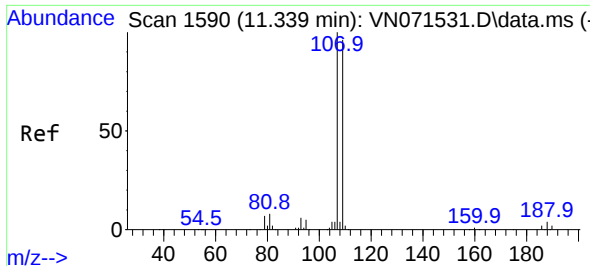
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 52.192 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

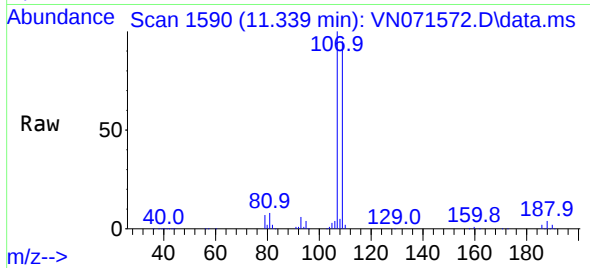
Tgt Ion:129 Resp: 394642
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.623 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

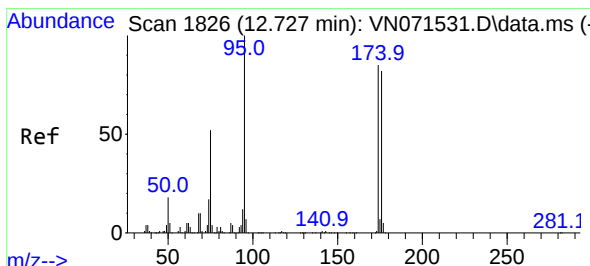
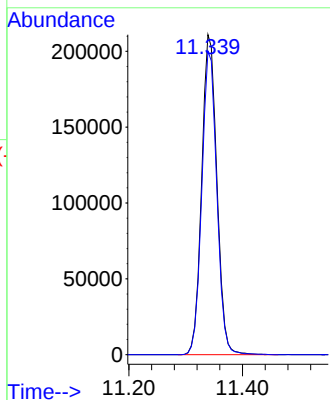
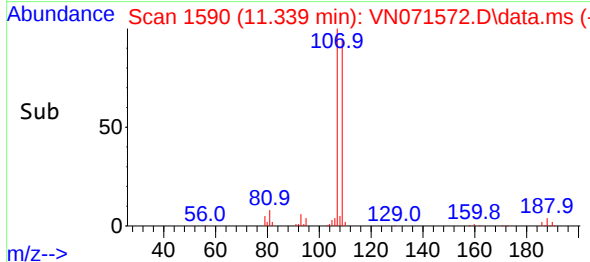
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



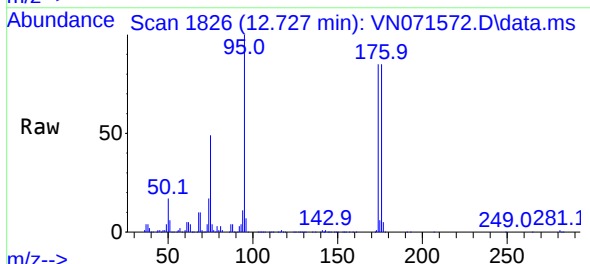
Tgt Ion:107 Resp: 390440
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6

Manual Integrations
APPROVED

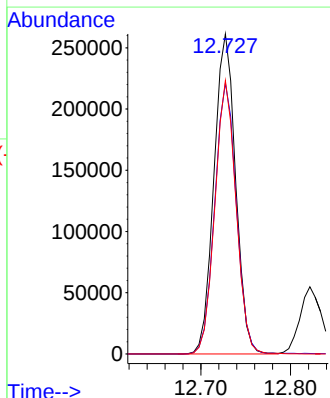
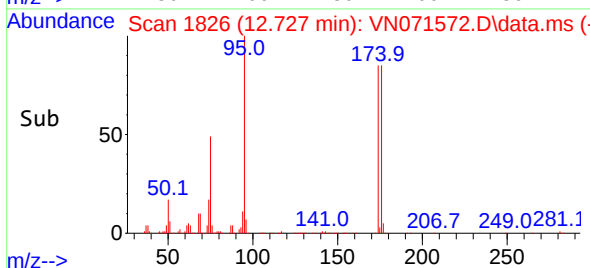
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

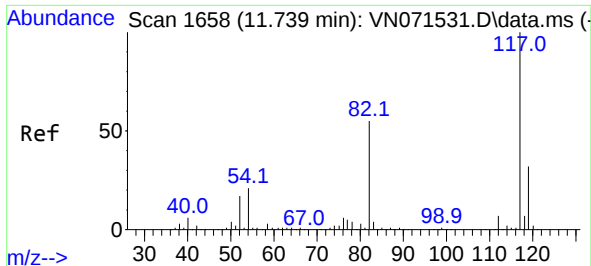


#62
4-Bromofluorobenzene
Concen: 50.273 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



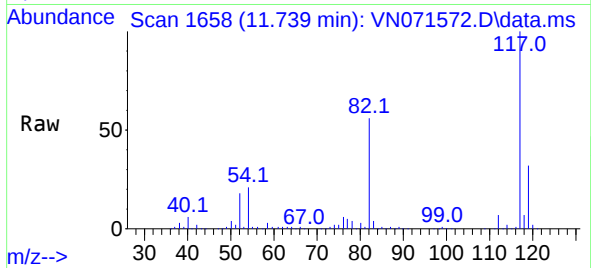
Tgt Ion: 95 Resp: 437390
Ion Ratio Lower Upper
95 100
174 84.4 0.0 167.6
176 83.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

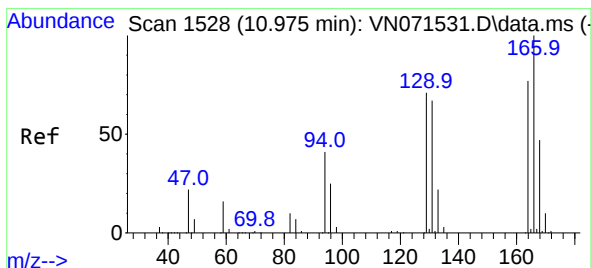
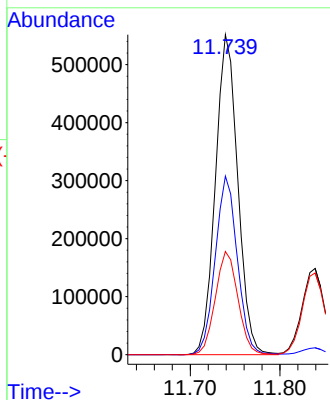
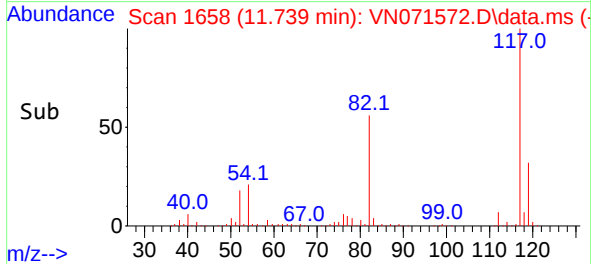
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



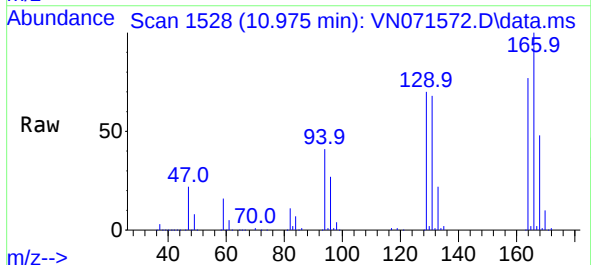
Tgt Ion:117 Resp: 955810
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
APPROVED

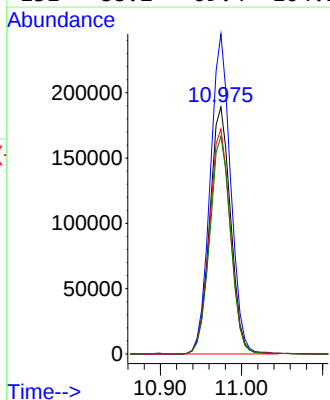
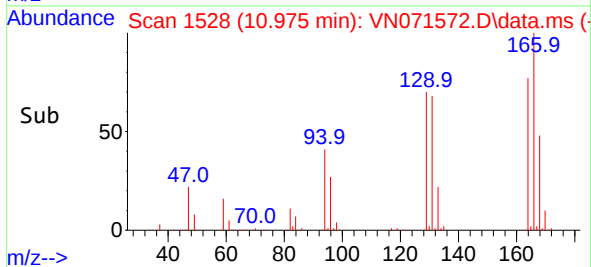
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

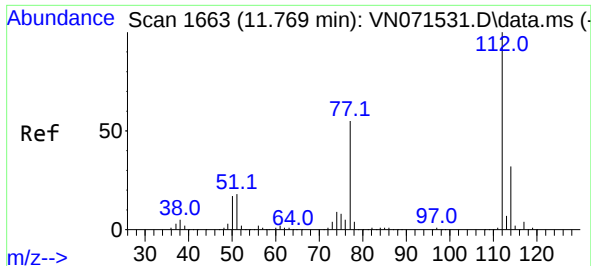


#64
Tetrachloroethene
Concen: 51.245 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



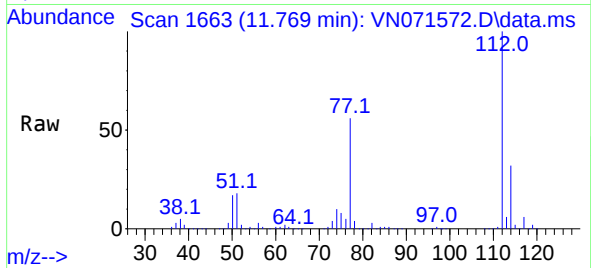
Tgt Ion:164 Resp: 338554
Ion Ratio Lower Upper
164 100
166 129.6 104.2 156.2
129 91.1 73.9 110.9
131 88.2 69.4 104.2





#65
Chlorobenzene
Concen: 51.228 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

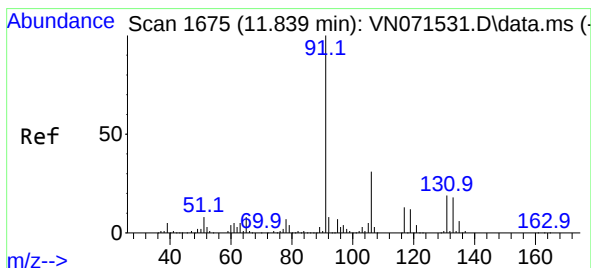
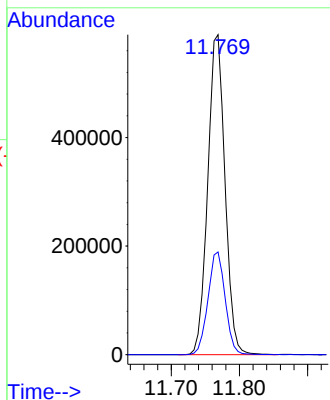
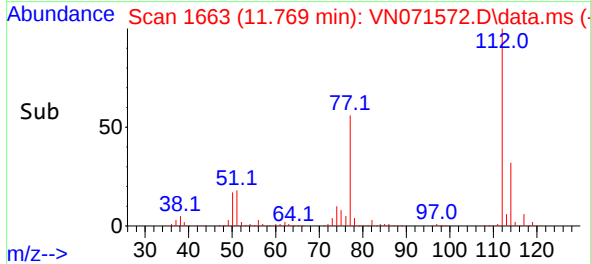
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



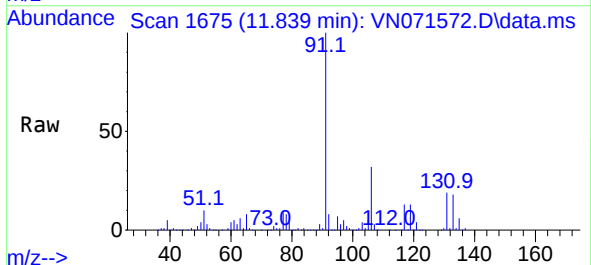
Tgt Ion:112 Resp: 1038834
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
APPROVED

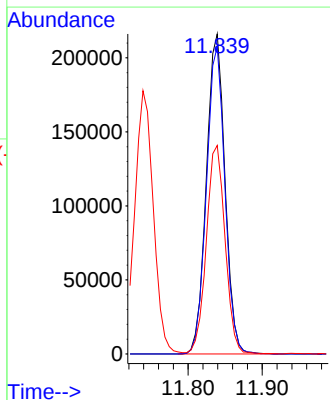
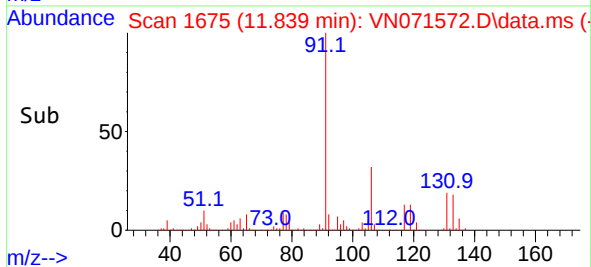
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

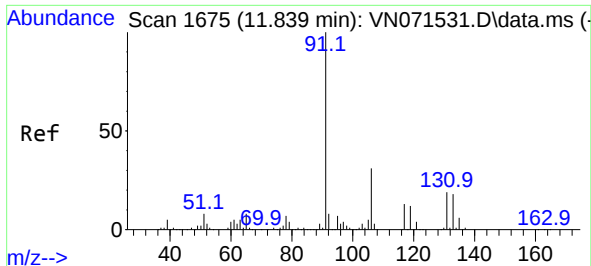


#66
1,1,1,2-Tetrachloroethane
Concen: 52.555 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion:131 Resp: 377019
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 65.8 33.4 100.2





#67
Ethyl Benzene
Concen: 53.478 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

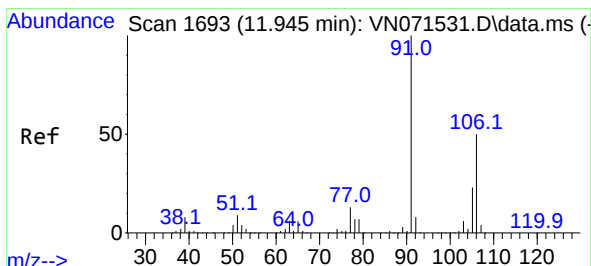
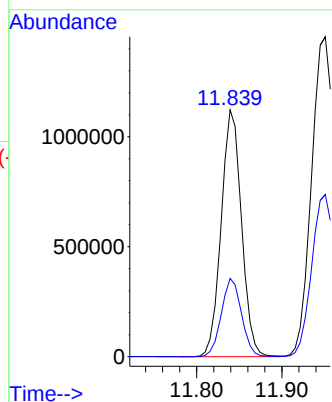
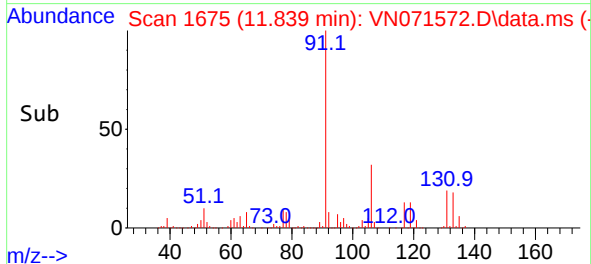
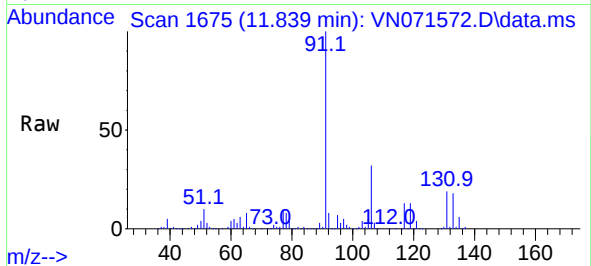
VSTDCCC050

Tgt Ion: 91 Resp: 1861784
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations

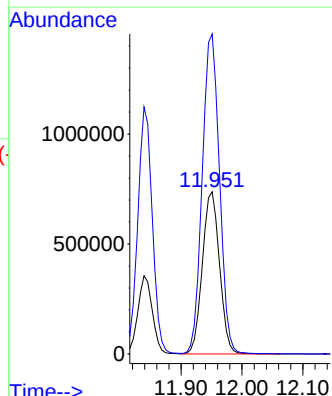
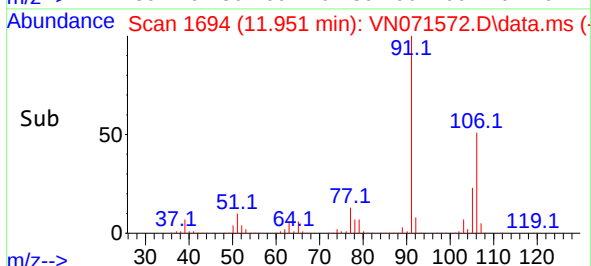
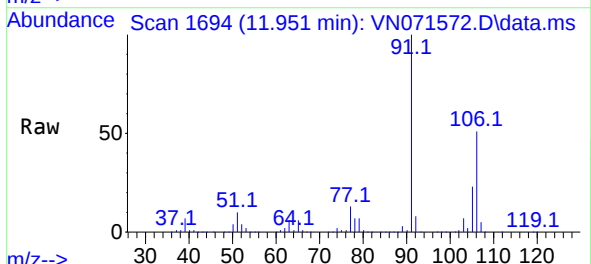
APPROVED

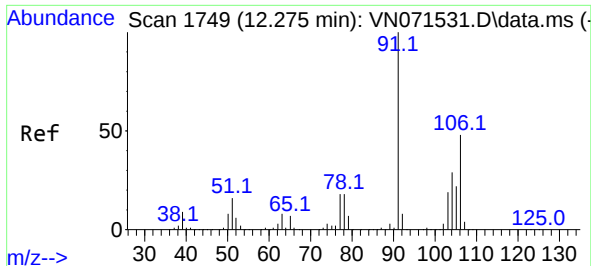
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#68
m/p-Xylenes
Concen: 108.150 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Tgt Ion:106 Resp: 1440674
Ion Ratio Lower Upper
106 100
91 198.7 158.9 238.3





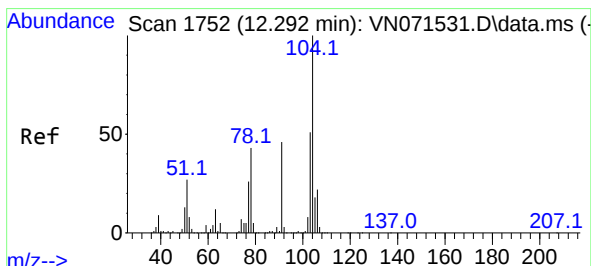
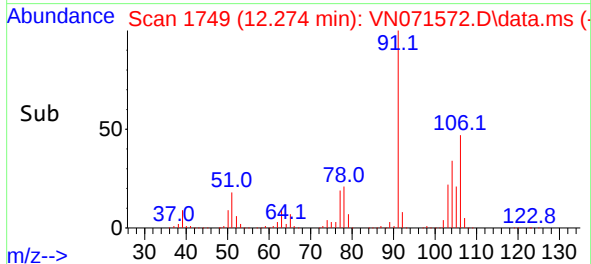
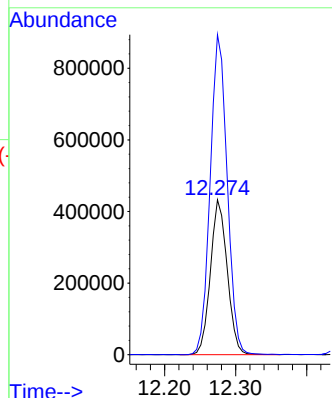
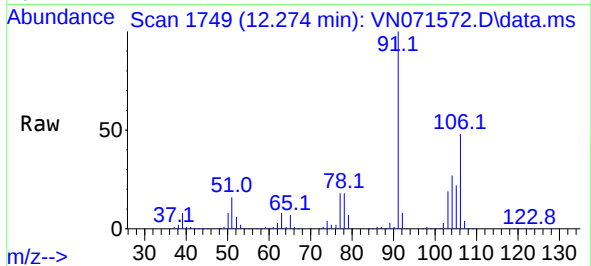
#69
o-Xylene
Concen: 53.681 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 710404
Ion Ratio Lower Upper
106 100
91 208.9 106.0 318.0

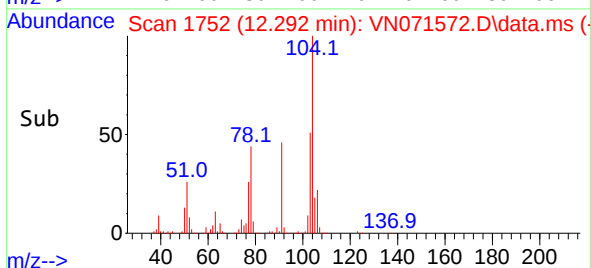
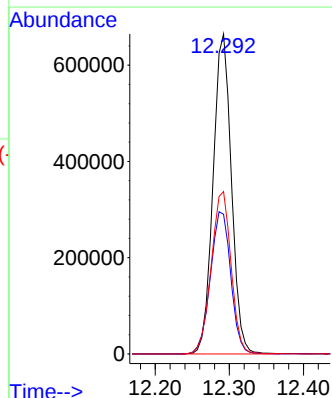
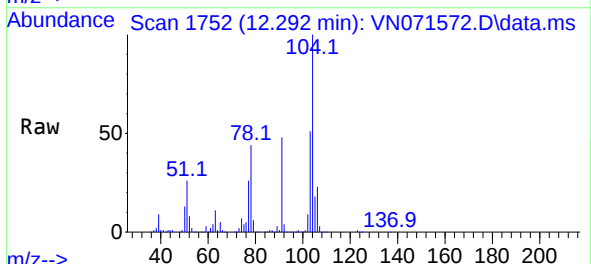
Manual Integrations
APPROVED

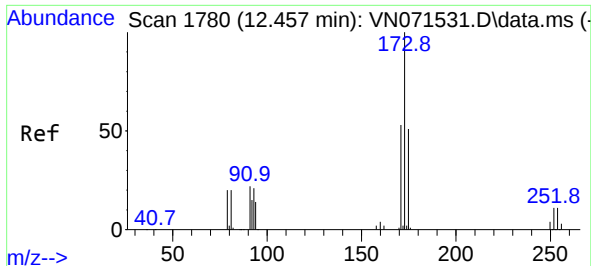
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 55.355 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

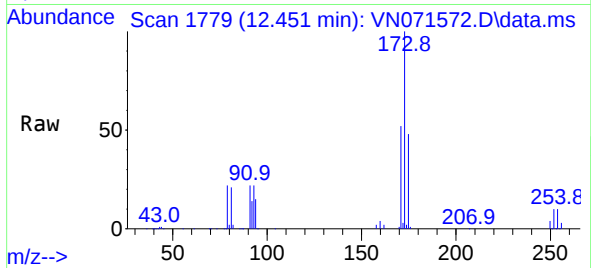
Tgt Ion:104 Resp: 1142169
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 54.404 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

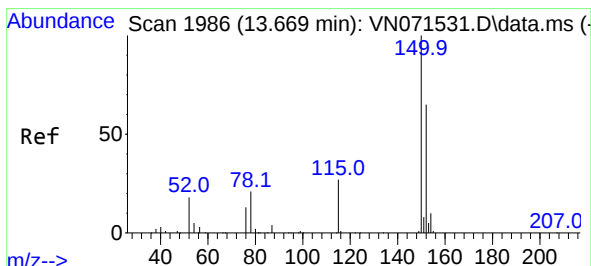
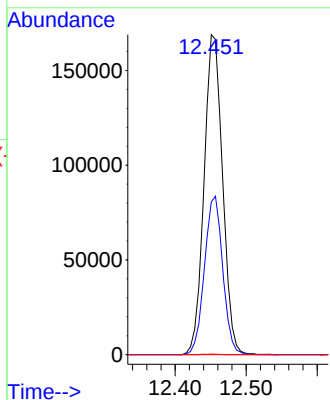
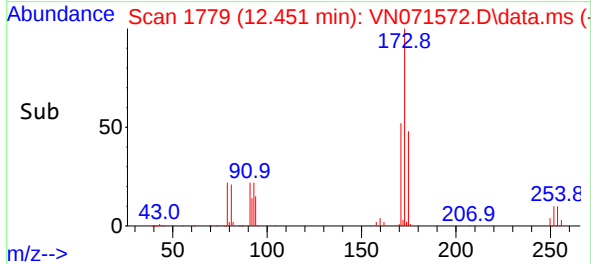
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



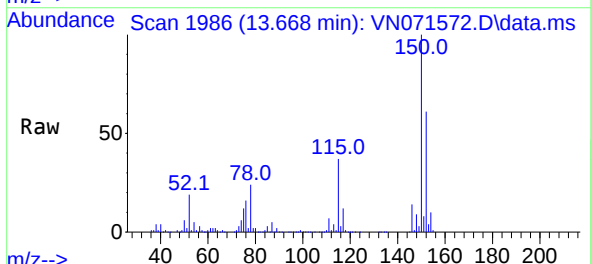
Tgt Ion:173 Resp: 306963
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

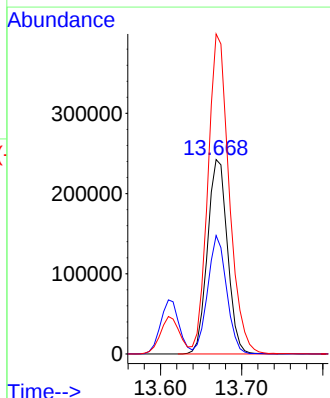
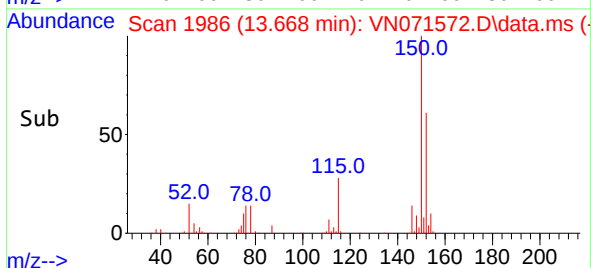
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

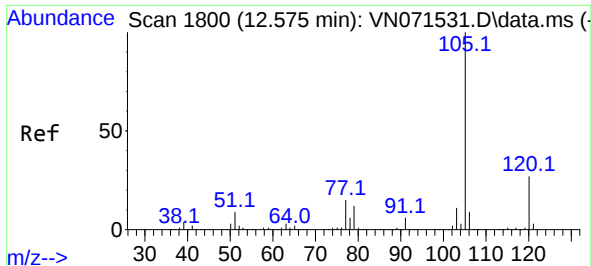


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion:152 Resp: 413654
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 175.7 0.0 356.2





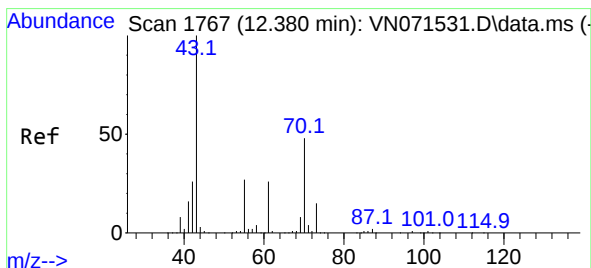
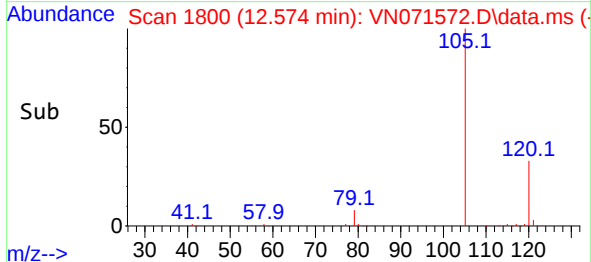
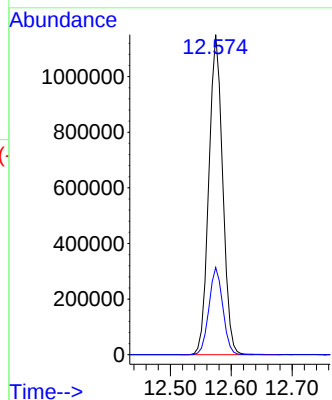
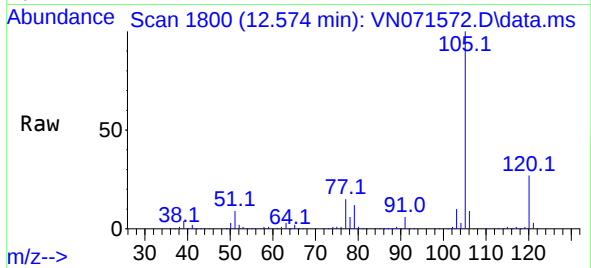
#73
Isopropylbenzene
Concen: 49.904 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1819950
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

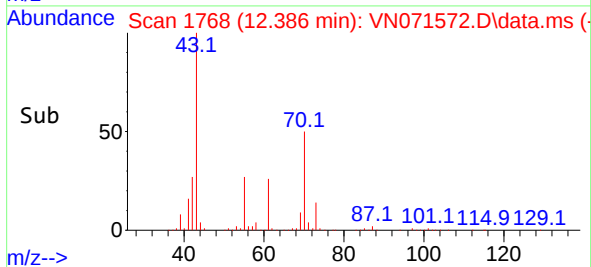
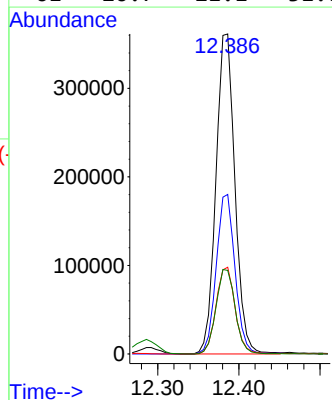
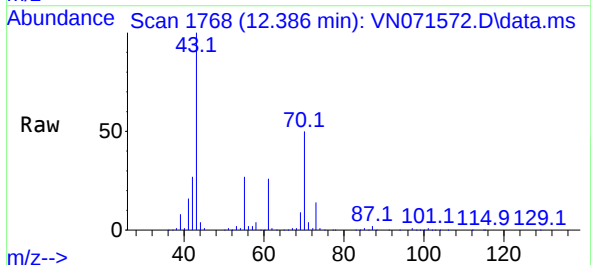
Manual Integrations
APPROVED

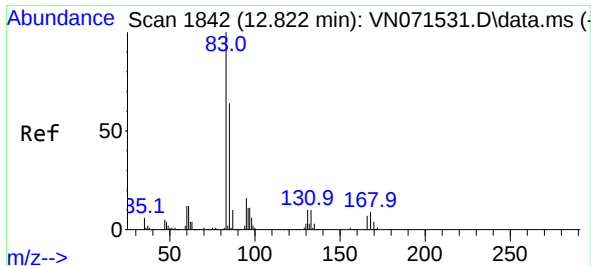
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 50.204 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

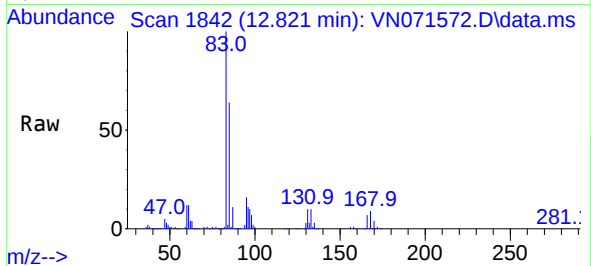
Tgt Ion: 43 Resp: 588502
Ion Ratio Lower Upper
43 100
70 49.4 39.0 58.4
55 27.4 21.1 31.7
61 26.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.512 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

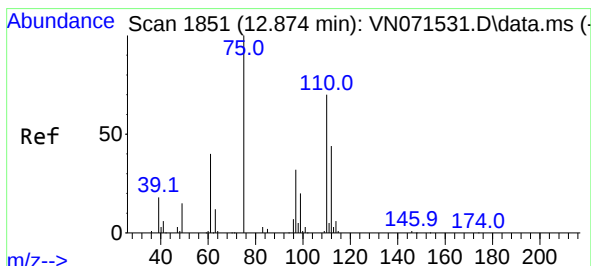
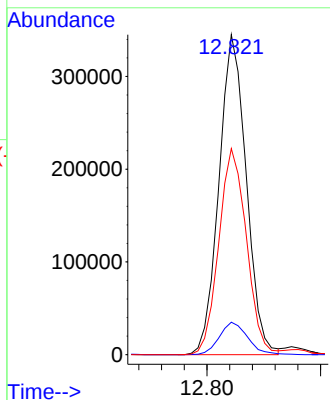
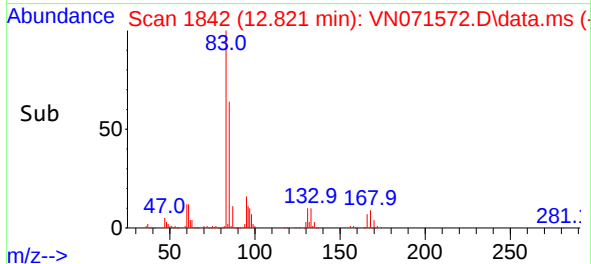
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



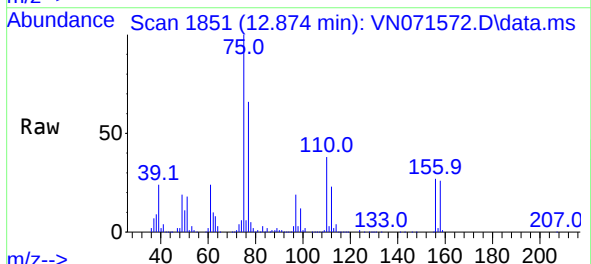
Tgt Ion: 83 Resp: 575734
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 65.2 32.3 96.9

Manual Integrations
APPROVED

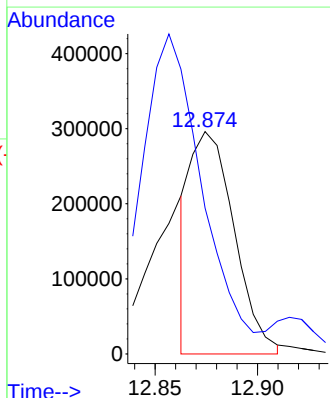
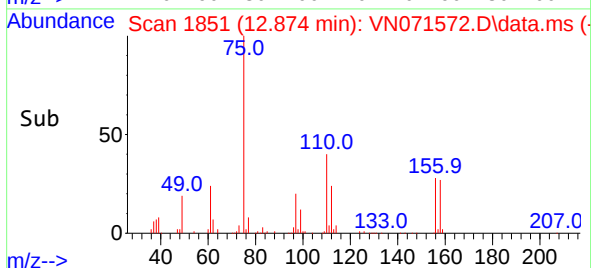
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

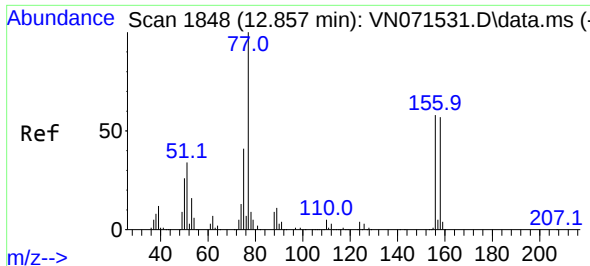


#76
1,2,3-Trichloropropane
Concen: 47.725 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



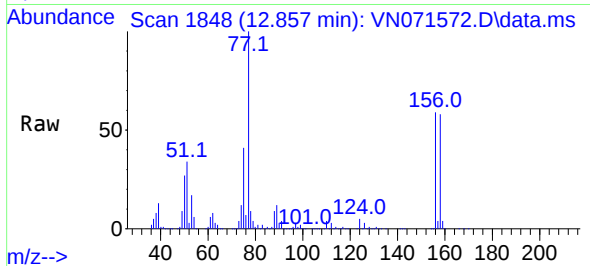
Tgt Ion: 75 Resp: 440210
Ion Ratio Lower Upper
75 100
77 199.5 98.5 295.5





#77
Bromobenzene
Concen: 47.865 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

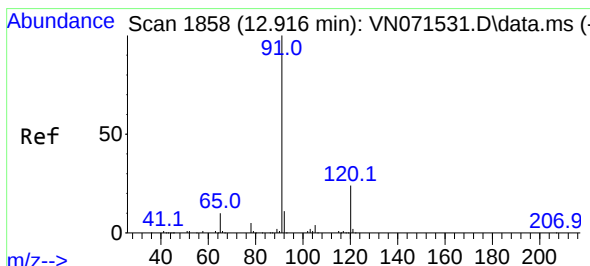
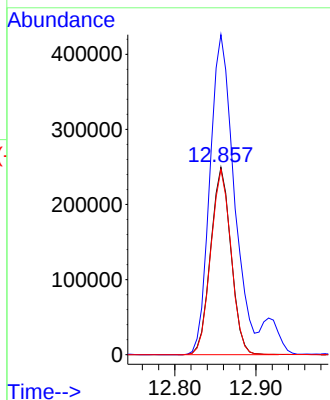
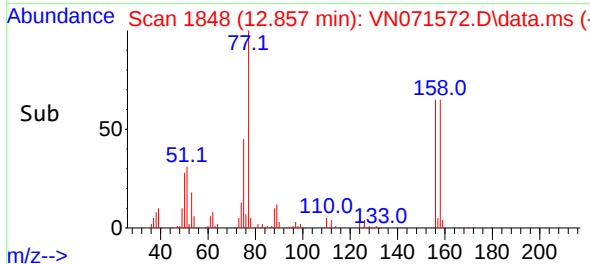
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



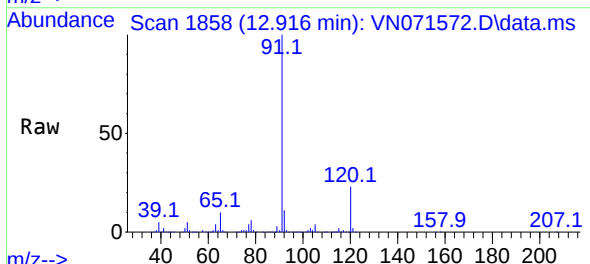
Tgt Ion:156 Resp: 435029
Ion Ratio Lower Upper
156 100
77 201.8 100.5 301.5
158 98.7 48.9 146.6

Manual Integrations
APPROVED

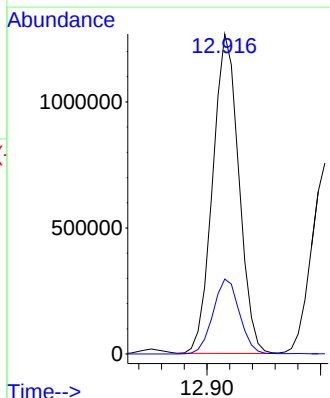
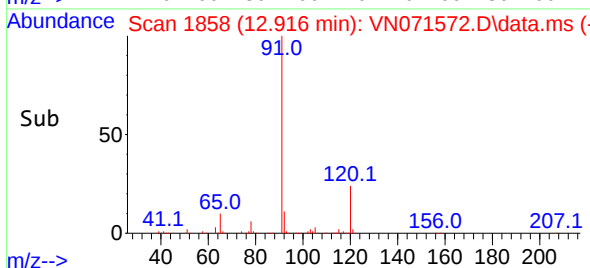
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

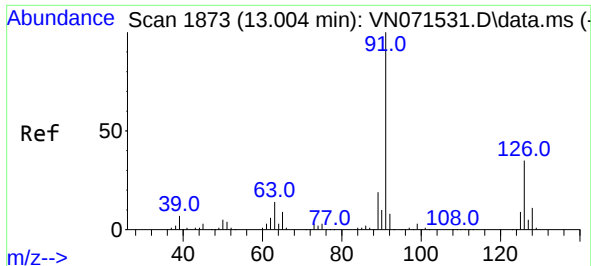


#78
n-propylbenzene
Concen: 52.192 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion: 91 Resp: 2025063
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





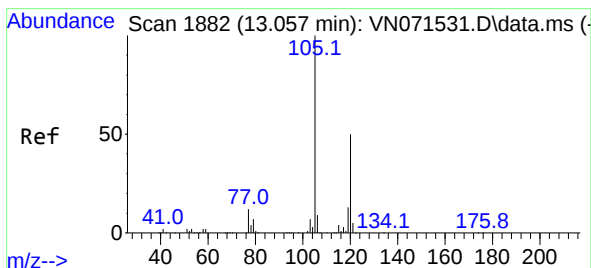
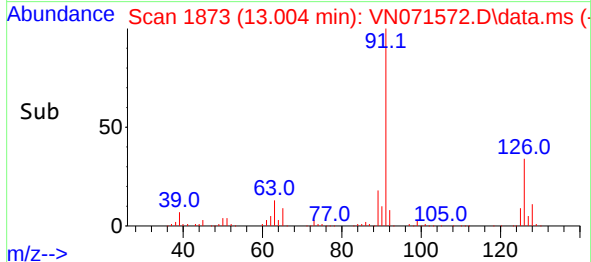
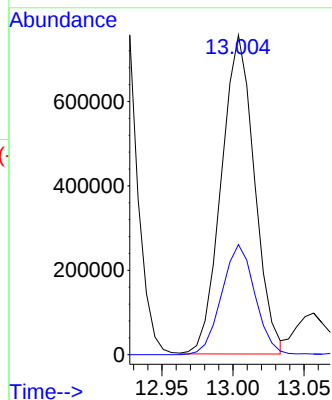
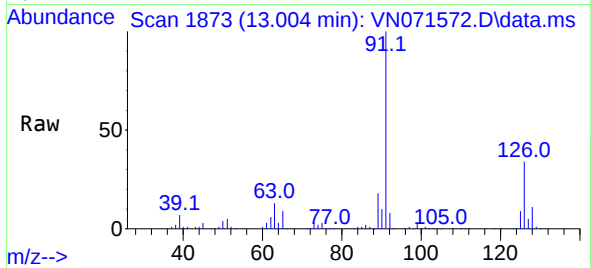
#79
2-Chlorotoluene
Concen: 48.985 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 122643
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

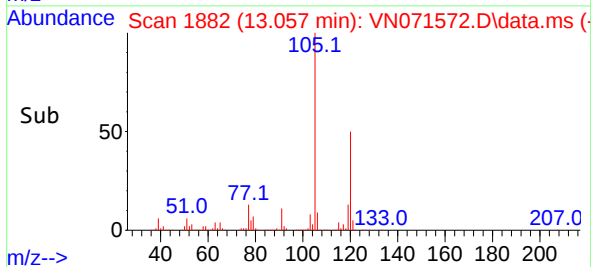
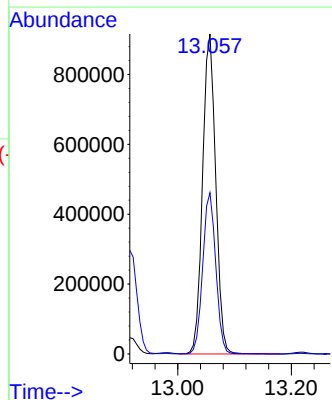
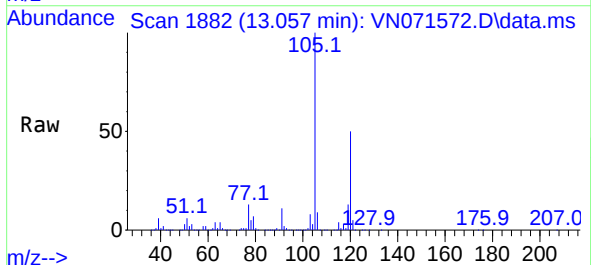
Manual Integrations
APPROVED

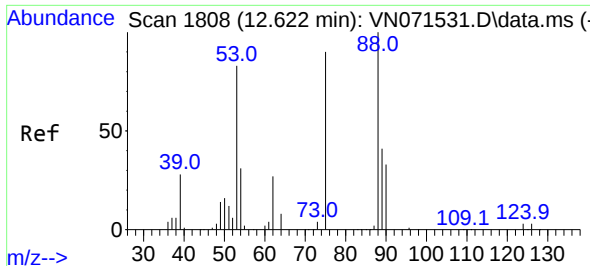
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.976 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

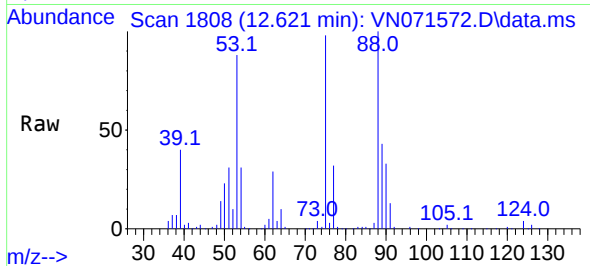
Tgt Ion:105 Resp: 1467480
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.460 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

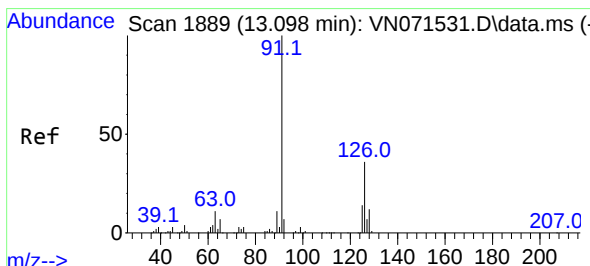
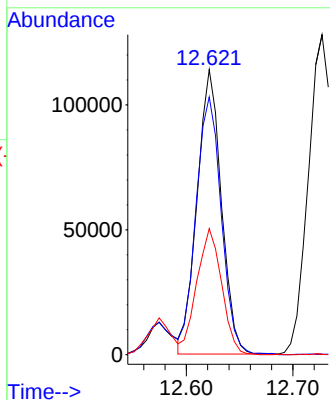
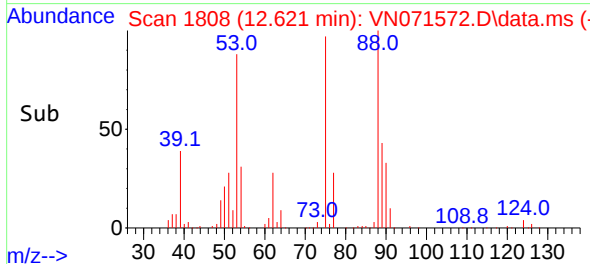
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



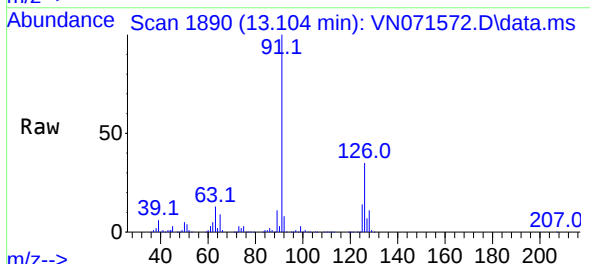
Tgt Ion: 75 Resp: 180738
Ion Ratio Lower Upper
75 100
53 94.8 78.0 117.0
89 45.6 37.2 55.8

Manual Integrations
APPROVED

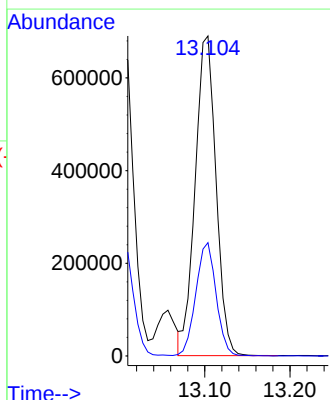
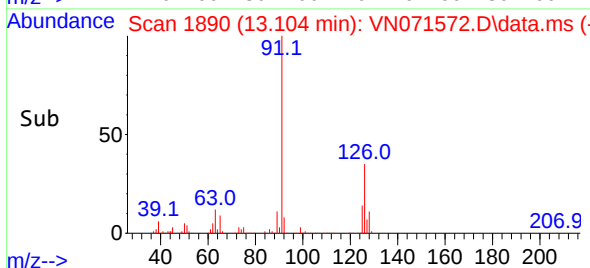
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

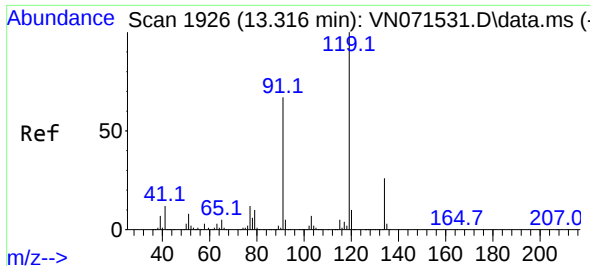


#82
4-Chlorotoluene
Concen: 50.844 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



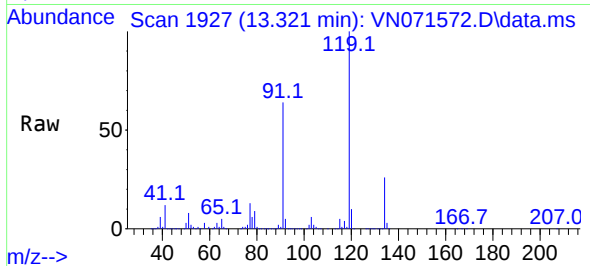
Tgt Ion: 91 Resp: 1171973
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.086 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

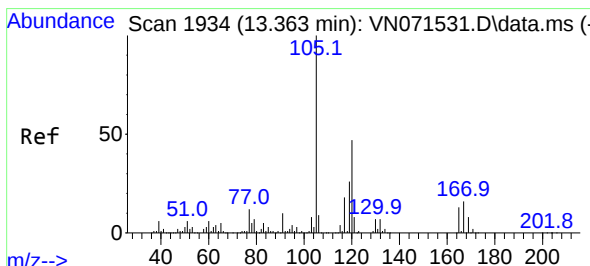
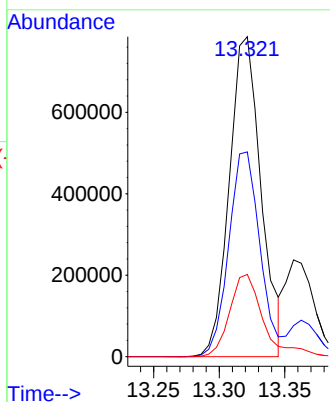
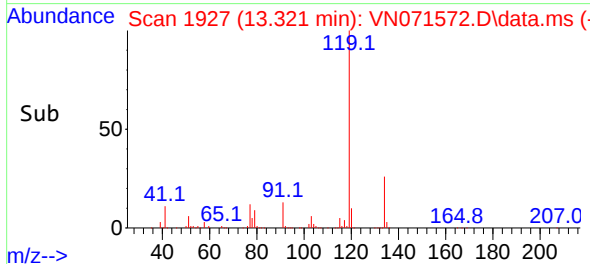
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



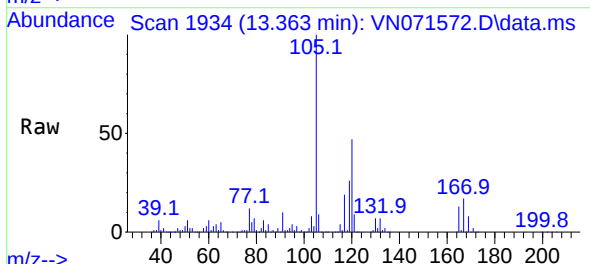
Tgt Ion:119 Resp: 1327564
Ion Ratio Lower Upper
119 100
91 62.5 31.6 94.8
134 27.2 13.7 41.1

Manual Integrations
APPROVED

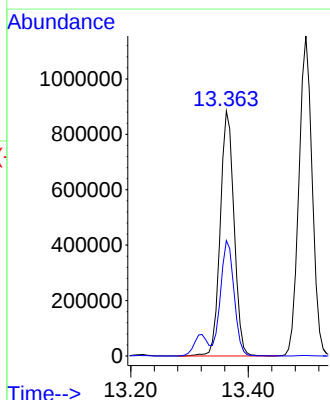
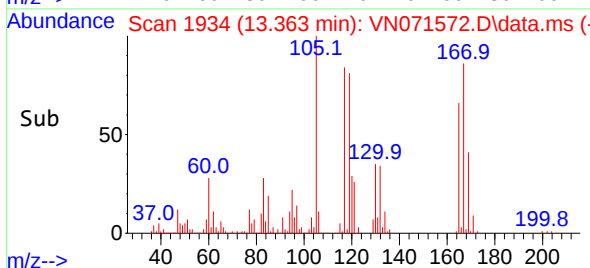
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

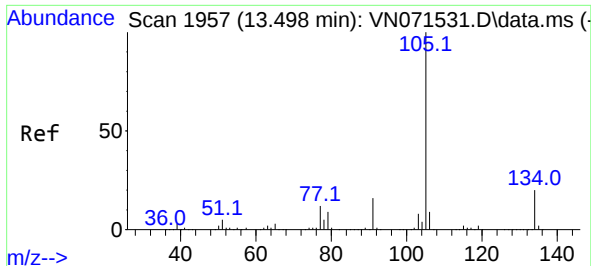


#84
1,2,4-Trimethylbenzene
Concen: 51.860 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion:105 Resp: 1440641
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.558 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

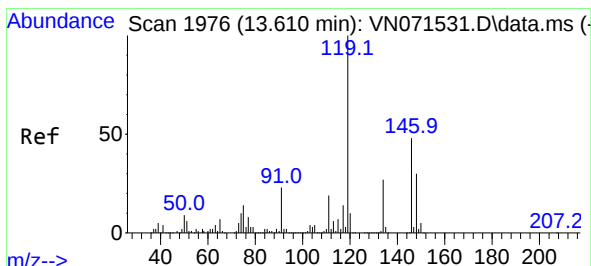
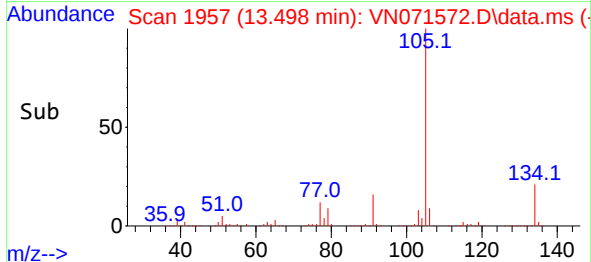
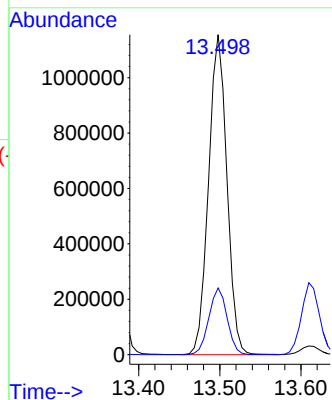
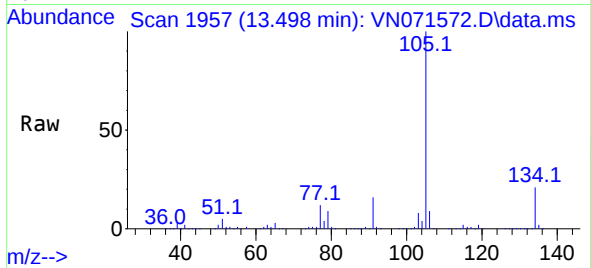
VSTDCCC050

Tgt Ion:105 Resp: 1810389
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations

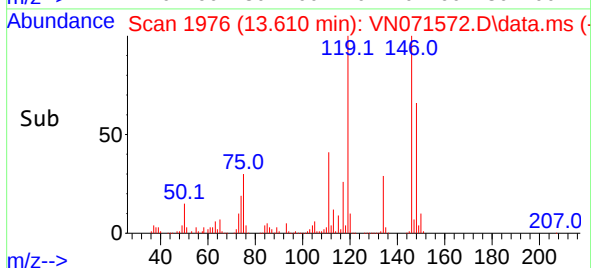
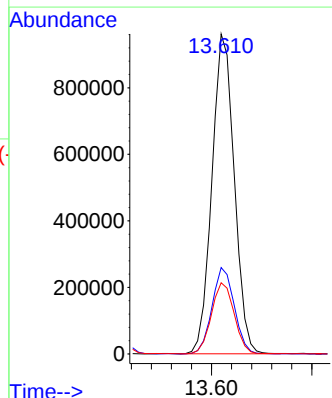
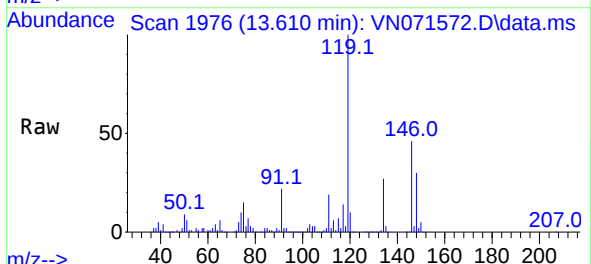
APPROVED

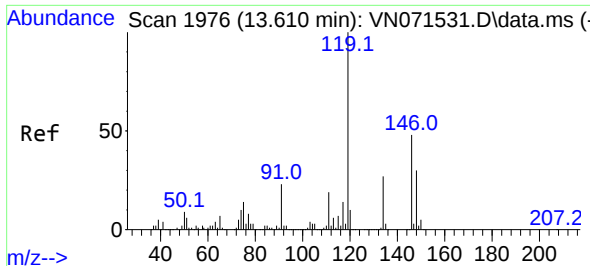
Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 53.986 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071572.D
 Acq: 26 Mar 2022 14:36

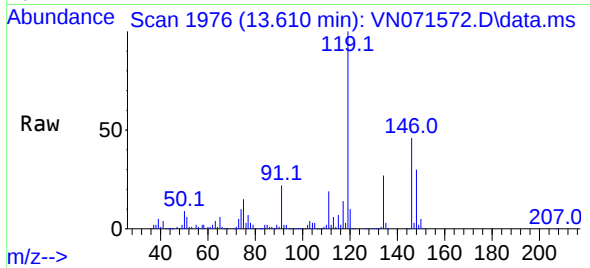
Tgt Ion:119 Resp: 1482370
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 22.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 50.995 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

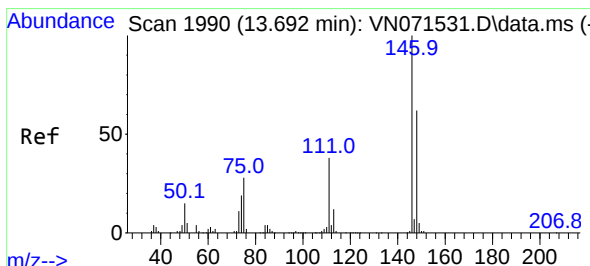
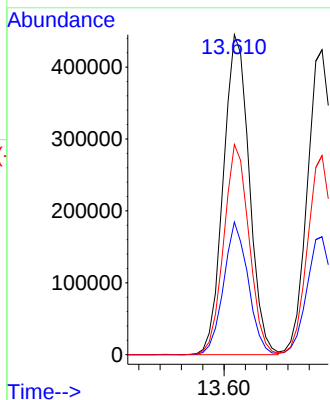
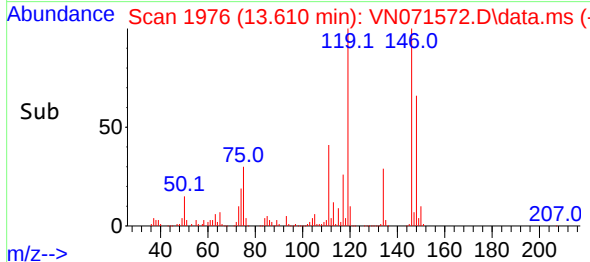
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



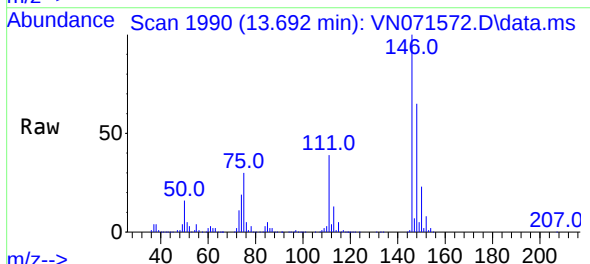
Tgt Ion:146 Resp: 751782
Ion Ratio Lower Upper
146 100
111 39.2 20.0 60.0
148 64.2 32.0 96.0

Manual Integrations
APPROVED

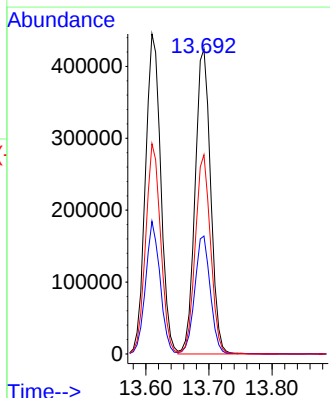
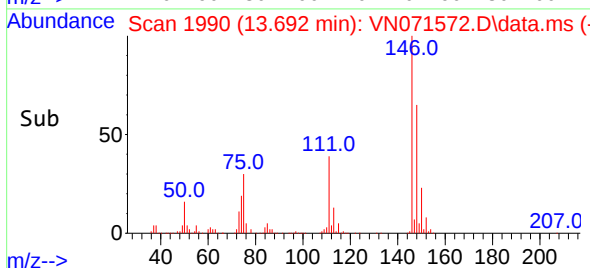
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

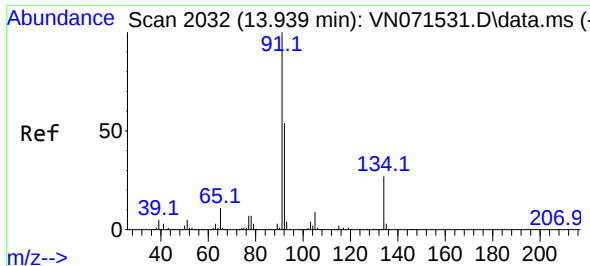


#88
1,4-Dichlorobenzene
Concen: 49.640 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



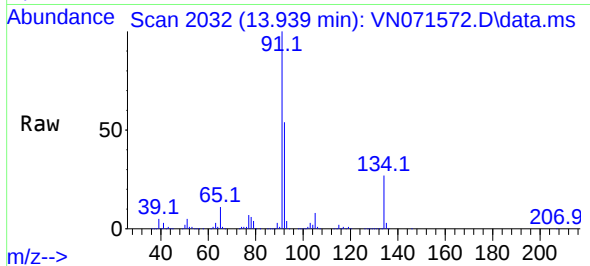
Tgt Ion:146 Resp: 723267
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.1
148 64.4 31.4 94.3





#89
n-Butylbenzene
Concen: 53.534 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

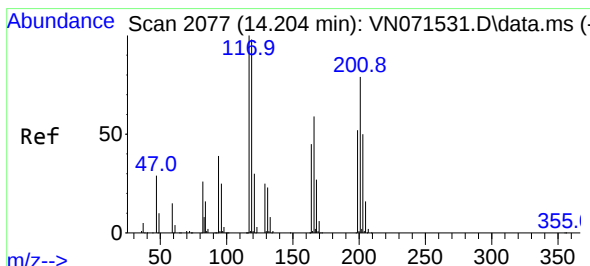
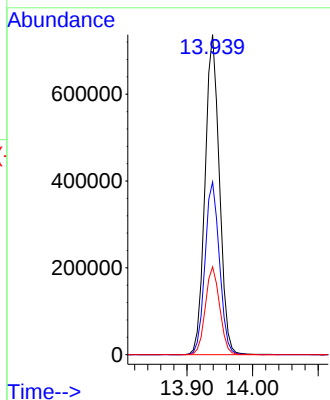
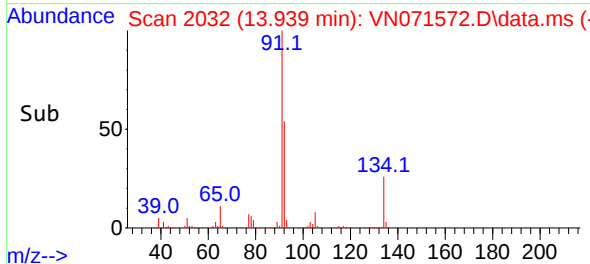
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



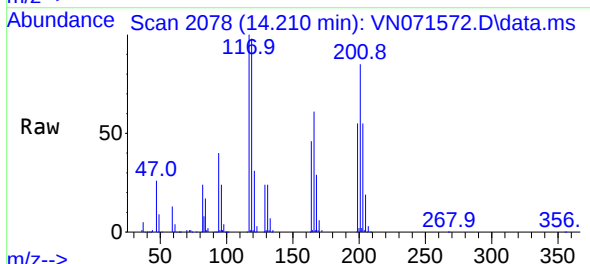
Tgt Ion: 91 Resp: 112575
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 27.3 13.6 40.8

Manual Integrations
APPROVED

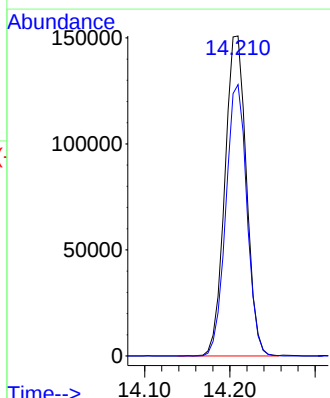
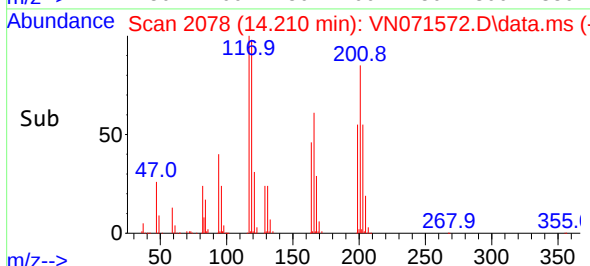
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

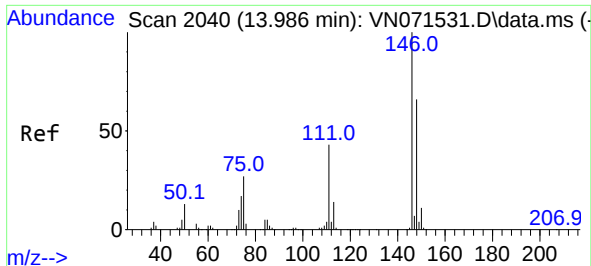


#90
Hexachloroethane
Concen: 49.485 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



Tgt Ion:117 Resp: 265212
Ion Ratio Lower Upper
117 100
201 83.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 51.114 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

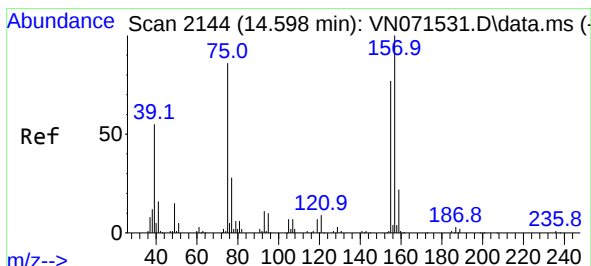
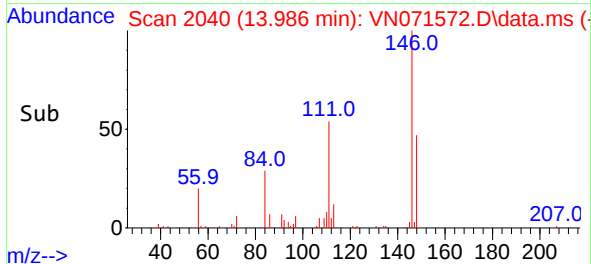
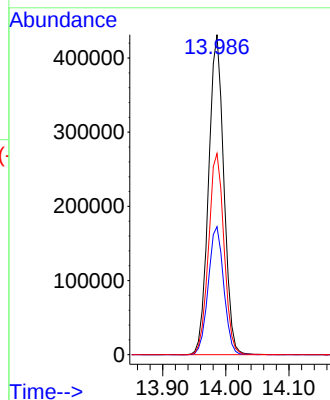
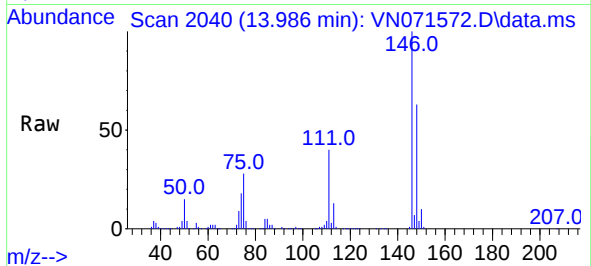
VSTDCCC050

Tgt Ion:146 Resp: 72232
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations

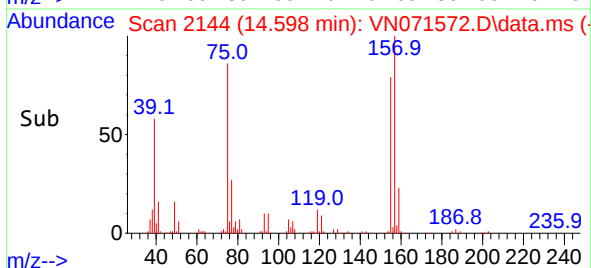
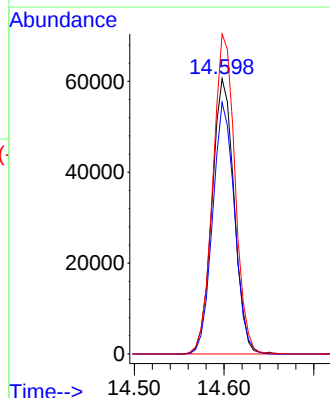
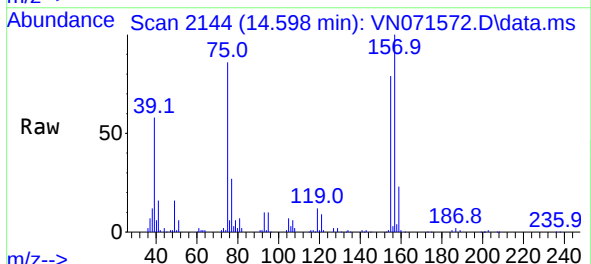
APPROVED

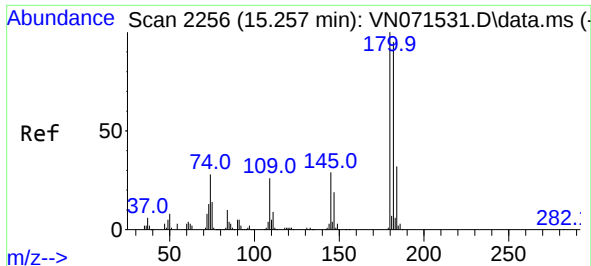
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.972 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

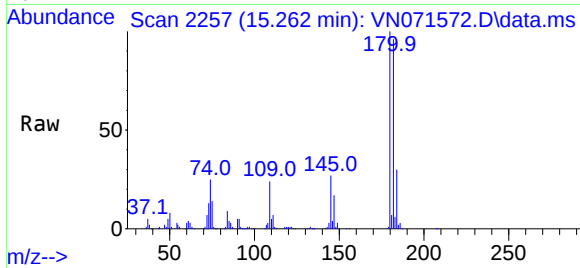
Tgt Ion: 75 Resp: 103450
Ion Ratio Lower Upper
75 100
155 90.5 44.9 134.5
157 116.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 52.999 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

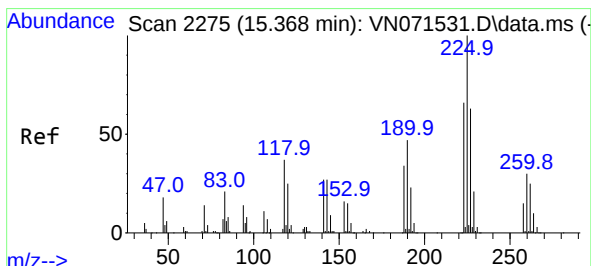
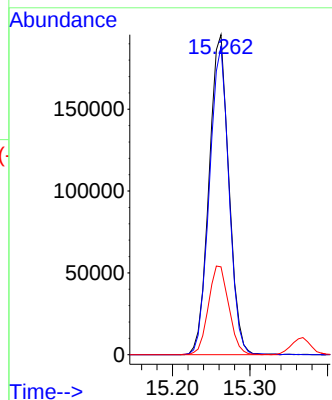
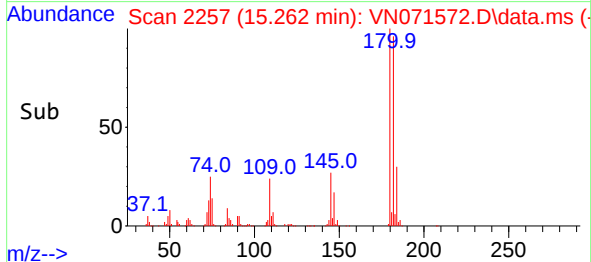
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



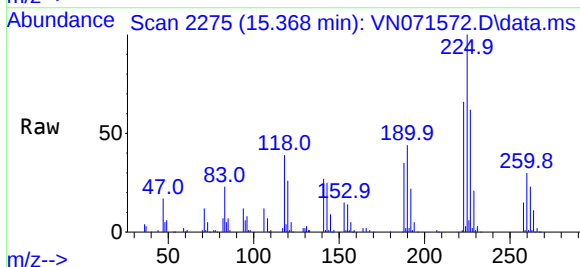
Tgt Ion:180 Resp: 34705
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
APPROVED

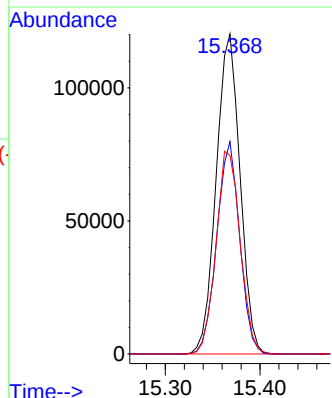
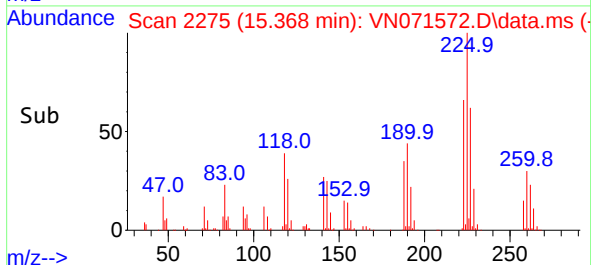
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022

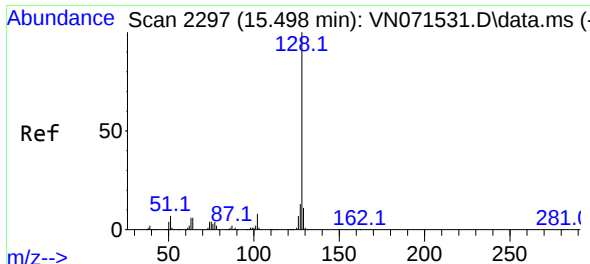


#94
Hexachlorobutadiene
Concen: 53.192 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36



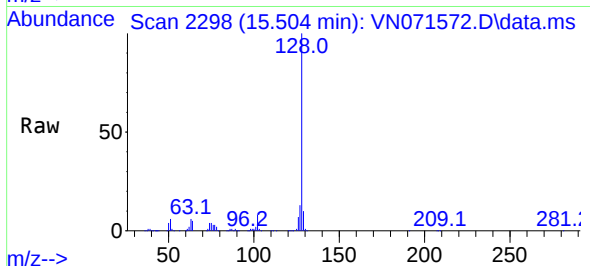
Tgt Ion:225 Resp: 210634
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 45.617 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

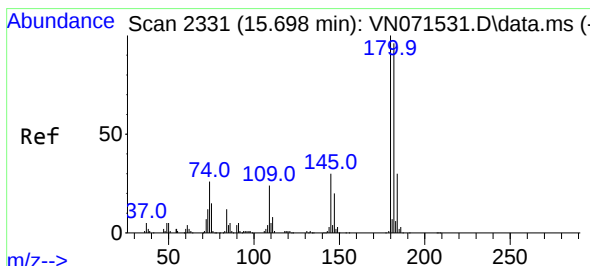
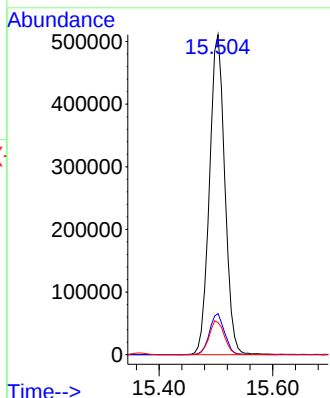
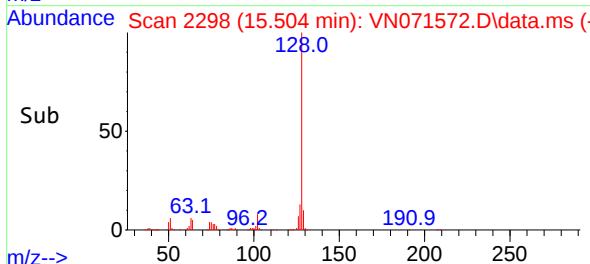
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 954036
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.889 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071572.D
Acq: 26 Mar 2022 14:36

Tgt Ion:180 Resp: 343637
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 30.4 15.5 46.5

