

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071046.D
 Acq On : 23 Feb 2022 20:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

Quant Time: Feb 24 00:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	606196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	979747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	913182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	374253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	372225	53.753	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.500%			
35) Dibromofluoromethane	8.016	113	295340	50.680	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.360%			
50) Toluene-d8	10.439	98	1180331	50.435	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.727	95	401183	47.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	283927	45.095	ug/l	98
3) Chloromethane	2.298	50	393854	49.767	ug/l	99
4) Vinyl Chloride	2.440	62	359762	45.412	ug/l	98
5) Bromomethane	2.828	94	189962	42.210	ug/l	99
6) Chloroethane	3.004	64	220327	42.392	ug/l	97
7) Trichlorofluoromethane	3.369	101	487168	49.070	ug/l	98
8) Diethyl Ether	3.822	74	213313	49.425	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.204	101	277187	45.506	ug/l	95
10) Methyl Iodide	4.422	142	406860	48.228	ug/l	98
11) Tert butyl alcohol	5.369	59	403241	319.530	ug/l	98
12) 1,1-Dichloroethene	4.181	96	277083	46.689	ug/l	94
13) Acrolein	4.040	56	309095	274.099	ug/l	98
14) Allyl chloride	4.839	41	574877	50.792	ug/l #	85
15) Acrylonitrile	5.551	53	1148223	308.893	ug/l	99
16) Acetone	4.281	43	919774	241.184	ug/l	96
17) Carbon Disulfide	4.528	76	688550	40.458	ug/l	99
18) Methyl Acetate	4.851	43	502960	60.358	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	1085882	52.161	ug/l	98
20) Methylene Chloride	5.092	84	348919	50.343	ug/l	93
21) trans-1,2-Dichloroethene	5.592	96	300166	47.123	ug/l	90
22) Diisopropyl ether	6.492	45	1222909	56.335	ug/l	93
23) Vinyl Acetate	6.428	43	5281731	287.426	ug/l	99
24) 1,1-Dichloroethane	6.381	63	630029	51.773	ug/l	99
25) 2-Butanone	7.333	43	1559330	307.369	ug/l	97
26) 2,2-Dichloropropane	7.322	77	466945	46.170	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	366663	50.084	ug/l	92
28) Bromochloromethane	7.657	49	260037	52.796	ug/l	84
29) Tetrahydrofuran	7.680	42	1067654	324.862	ug/l	92
30) Chloroform	7.816	83	603777	50.447	ug/l	98
31) Cyclohexane	8.092	56	573898	47.921	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	519487	50.260	ug/l	99
36) 1,1-Dichloropropene	8.222	75	443298	46.431	ug/l	97
37) Ethyl Acetate	7.410	43	623819	60.924	ug/l	99
38) Carbon Tetrachloride	8.204	117	436492	46.400	ug/l	95
39) Methylcyclohexane	9.457	83	541062	44.042	ug/l	93
40) Benzene	8.457	78	1392161	49.295	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	319242	59.197	ug/l	88
42) 1,2-Dichloroethane	8.527	62	490200	50.965	ug/l	98
43) Isopropyl Acetate	8.557	43	932438	57.774	ug/l	98
44) Trichloroethene	9.216	130	338447	45.510	ug/l	99
45) 1,2-Dichloropropane	9.486	63	377128	52.131	ug/l	98
46) Dibromomethane	9.574	93	240135	50.441	ug/l	97
47) Bromodichloromethane	9.757	83	483104	50.210	ug/l	98
48) Methyl methacrylate	9.557	41	452460	59.228	ug/l #	82
49) 1,4-Dioxane	9.569	88	172225	1269.310	ug/l	90
51) 4-Methyl-2-Pentanone	10.327	43	3105650	316.269	ug/l	98
52) Toluene	10.504	92	883157	49.767	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	525289	50.208	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	568434	49.474	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	354253	50.999	ug/l	99
56) Ethyl methacrylate	10.757	69	598802	57.214	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	634873	52.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	557941	240.976	ug/l	95
59) 2-Hexanone	11.080	43	2197201	325.343	ug/l	99
60) Dibromochloromethane	11.233	129	365179	49.745	ug/l	100
61) 1,2-Dibromoethane	11.345	107	360142	50.972	ug/l	100
64) Tetrachloroethene	10.974	164	292065	41.067	ug/l	99
65) Chlorobenzene	11.768	112	924102	46.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	348157	48.538	ug/l	99
67) Ethyl Benzene	11.839	91	1662595	48.275	ug/l	99
68) m/p-Xylenes	11.951	106	1268391	95.344	ug/l	99
69) o-Xylene	12.274	106	631355	48.583	ug/l	99
70) Styrene	12.292	104	996492	48.225	ug/l	98
71) Bromoform	12.457	173	279007	48.840	ug/l #	99
73) Isopropylbenzene	12.574	105	1623394	53.890	ug/l	100
74) N-amyl acetate	12.386	43	612958	63.655	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	555679	58.049	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	434910m	49.355	ug/l	
77) Bromobenzene	12.857	156	376468	51.050	ug/l	82
78) n-propylbenzene	12.915	91	1771512	52.340	ug/l	98
79) 2-Chlorotoluene	13.004	91	1093272	53.190	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1289533	52.839	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	150378	55.300	ug/l	90
82) 4-Chlorotoluene	13.104	91	1022932	51.269	ug/l	94
83) tert-Butylbenzene	13.321	119	1175878	50.804	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	1254919	52.236	ug/l	99
85) sec-Butylbenzene	13.498	105	1568008	51.414	ug/l	100
86) p-Isopropyltoluene	13.610	119	1255803	50.159	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	621623	47.618	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	587804	45.957	ug/l	98
89) n-Butylbenzene	13.939	91	921663	45.121	ug/l	96
90) Hexachloroethane	14.209	117	240718	53.838	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	600831	49.014	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	93385	60.211	ug/l	92
93) 1,2,4-Trichlorobenzene	15.262	180	269388	39.533	ug/l	98
94) Hexachlorobutadiene	15.368	225	174362	39.005	ug/l	97
95) Naphthalene	15.504	128	685977	41.896	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	261677	41.639	ug/l	98

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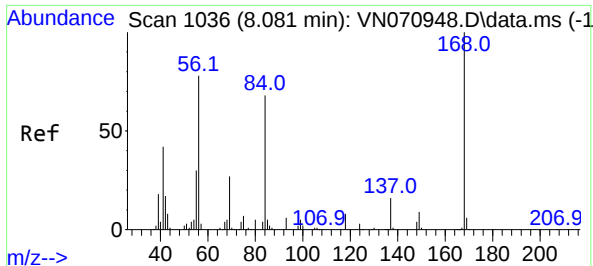
Manual Integrations
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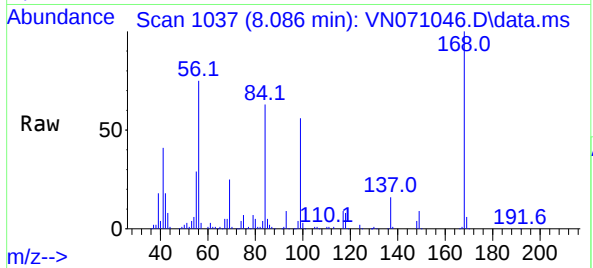
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
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Acq: 23 Feb 2022 20:33

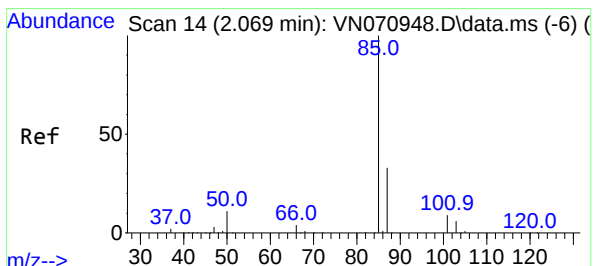
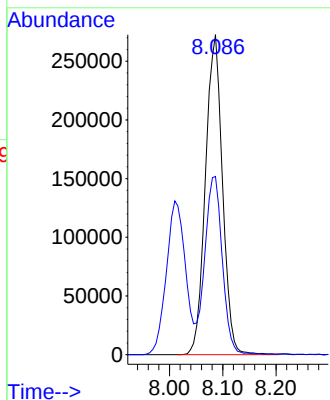
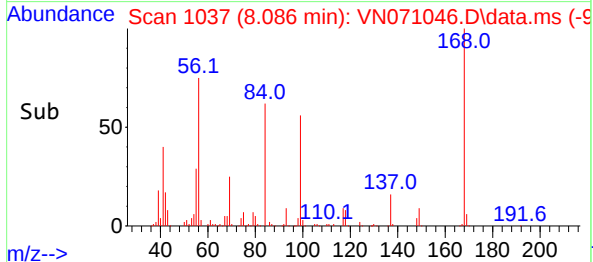
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



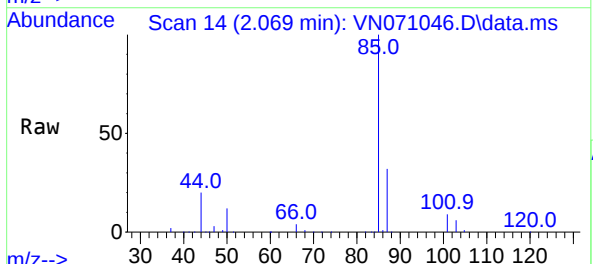
Tgt Ion:168 Resp: 606190
Ion Ratio Lower Upper
168 100
99 55.4 41.3 61.9

Manual Integrations
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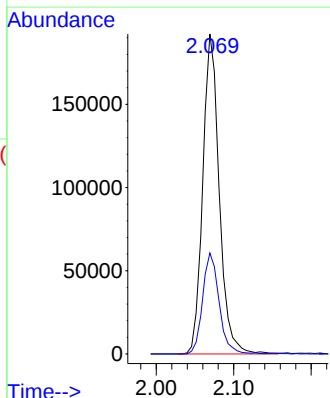
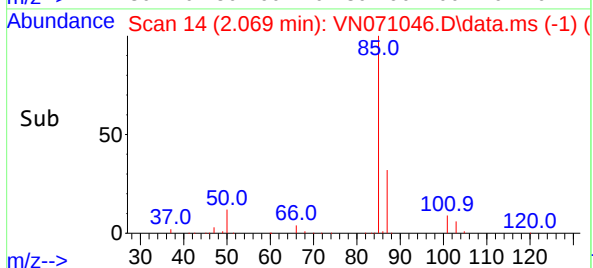
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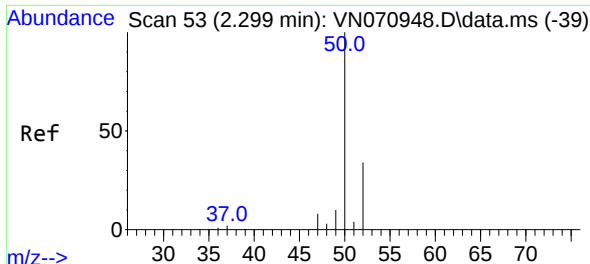


#2
Dichlorodifluoromethane
Concen: 45.095 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



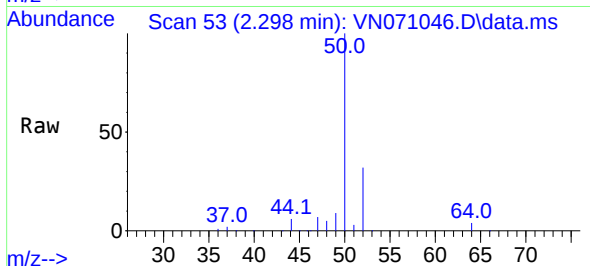
Tgt Ion: 85 Resp: 283927
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 49.767 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

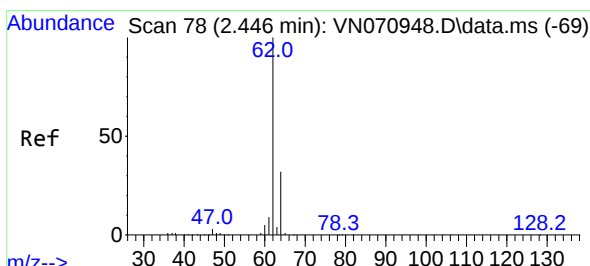
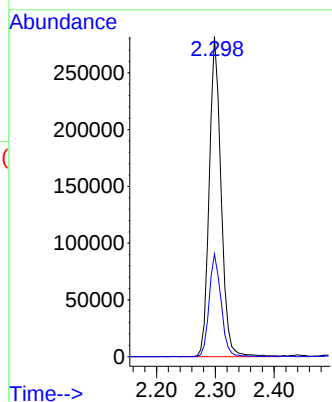
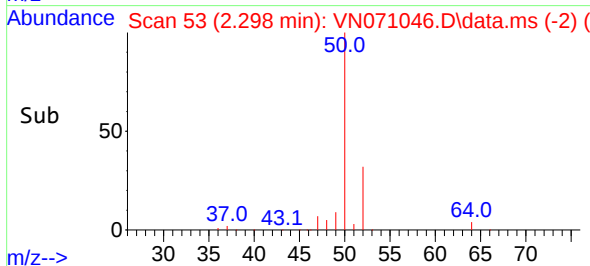
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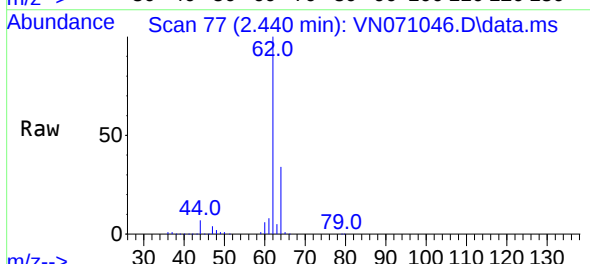
Tgt Ion: 50 Resp: 393854
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

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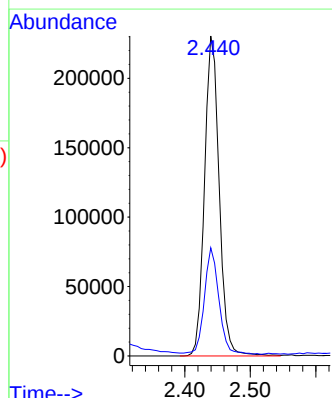
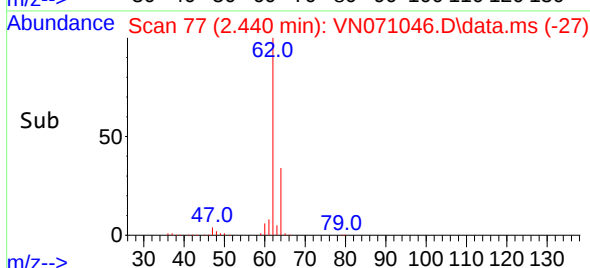
Reviewed By :John Carlone 02/24/2022
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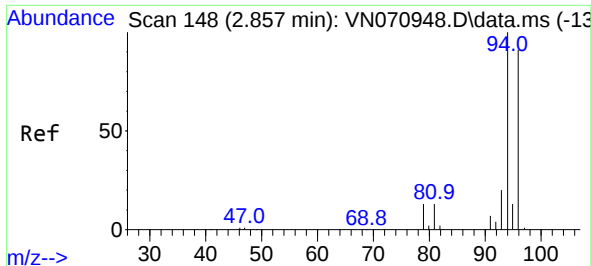


#4
Vinyl Chloride
Concen: 45.412 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



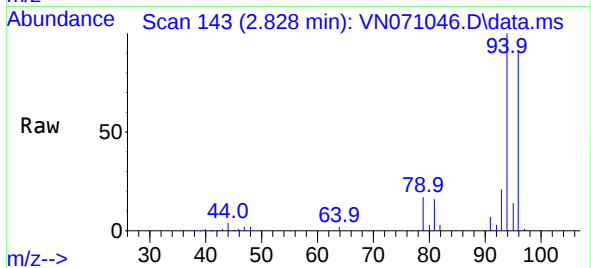
Tgt Ion: 62 Resp: 359762
Ion Ratio Lower Upper
62 100
64 33.2 25.8 38.6





#5
Bromomethane
Concen: 42.210 ug/l
RT: 2.828 min Scan# 14
Delta R.T. -0.030 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

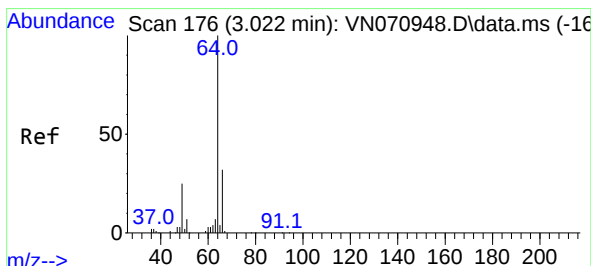
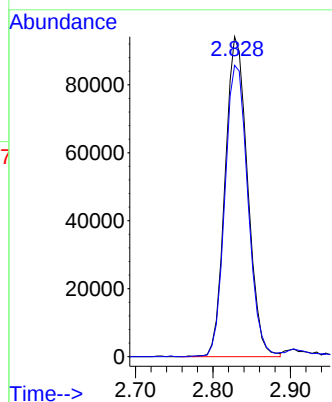
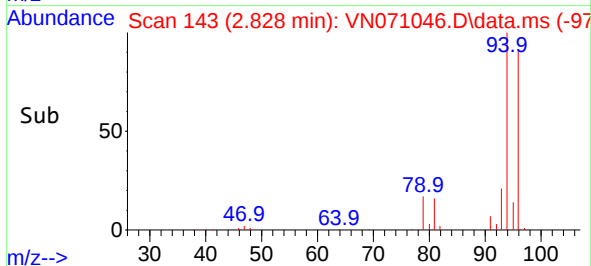
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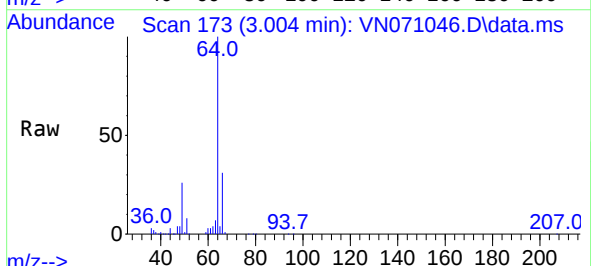
Tgt Ion: 94 Resp: 18996
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

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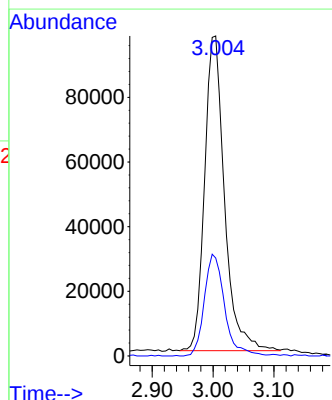
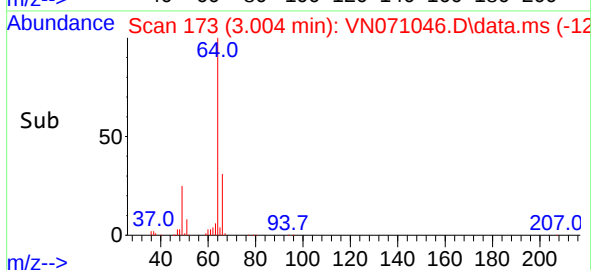
Reviewed By :John Carlone 02/24/2022
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#6
Chloroethane
Concen: 42.392 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.018 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



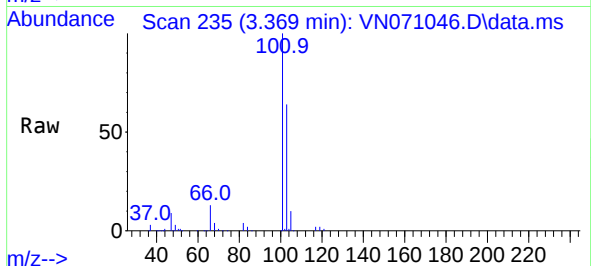
Tgt Ion: 64 Resp: 220327
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 49.070 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

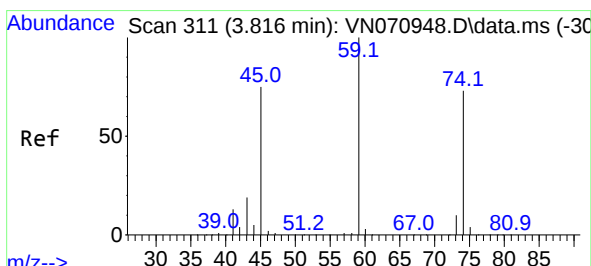
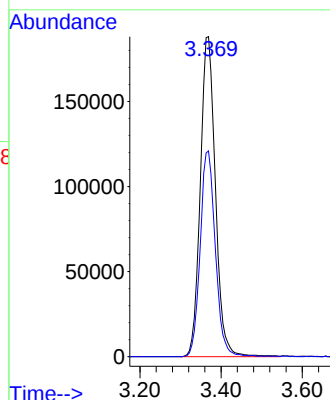
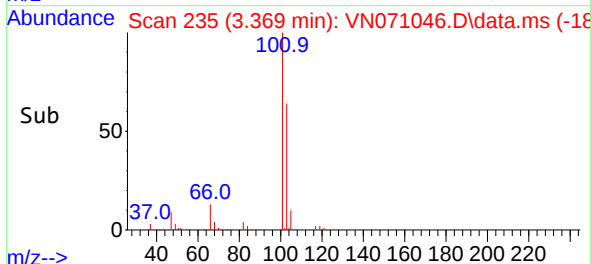
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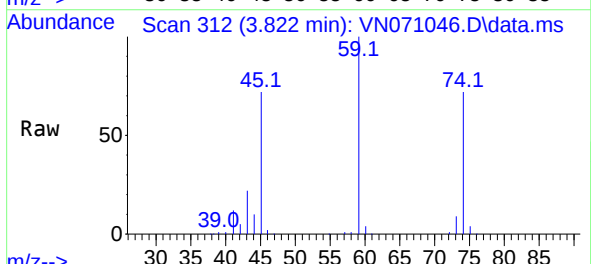
Tgt Ion:101 Resp: 48716
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

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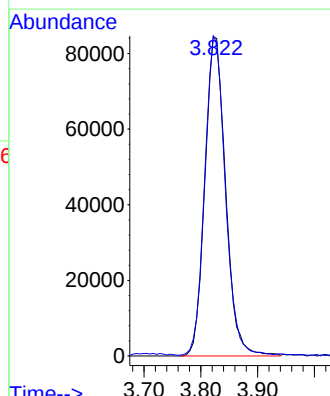
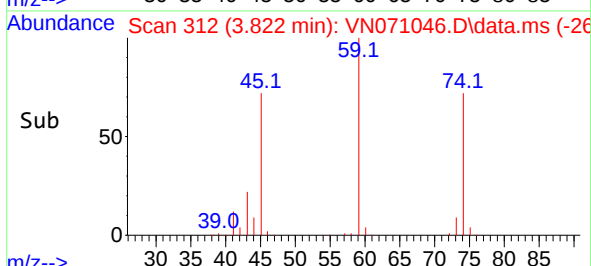
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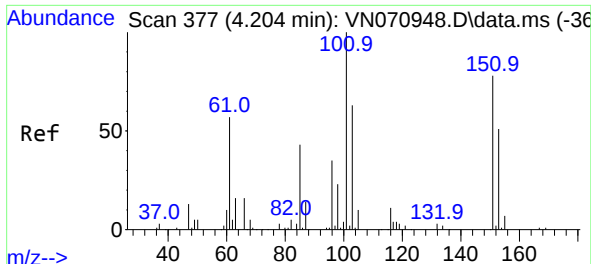


#8
Diethyl Ether
Concen: 49.425 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



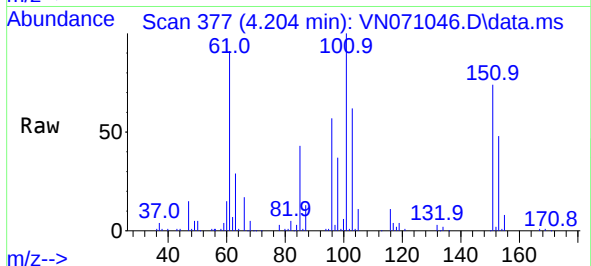
Tgt Ion: 74 Resp: 213313
Ion Ratio Lower Upper
74 100
45 99.3 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.506 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

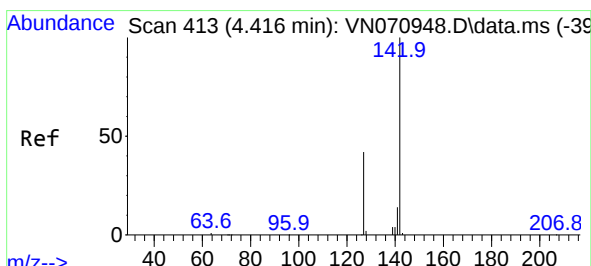
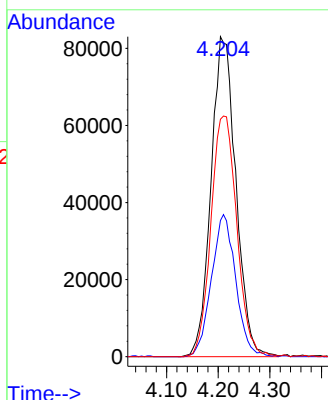
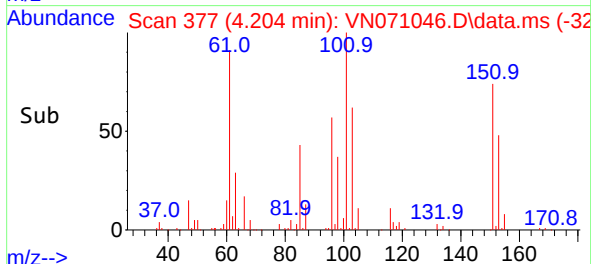
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



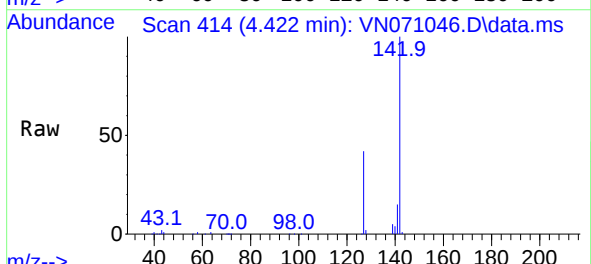
Tgt Ion:101 Resp: 27718
Ion Ratio Lower Upper
101 100
85 43.6 37.2 55.8
151 78.3 65.9 98.9

Manual Integrations
APPROVED

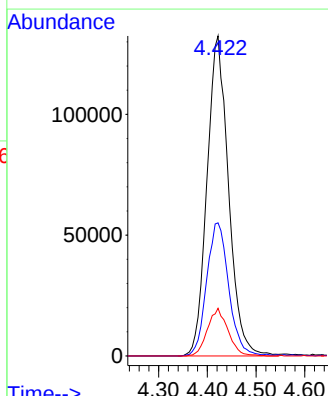
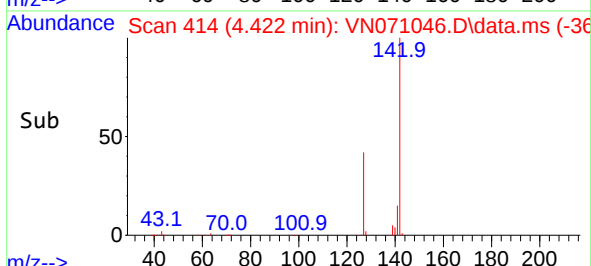
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

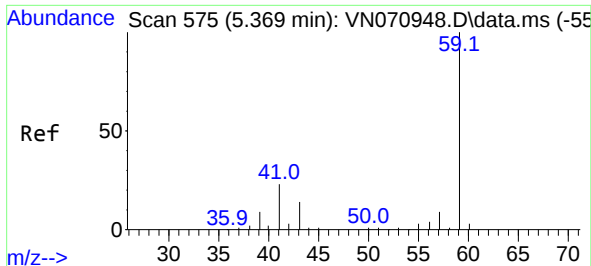


#10
Methyl Iodide
Concen: 48.228 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



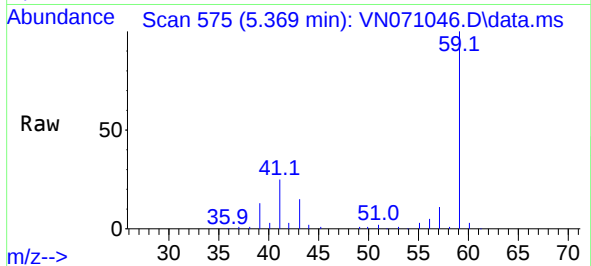
Tgt Ion:142 Resp: 406860
Ion Ratio Lower Upper
142 100
127 42.6 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 319.530 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

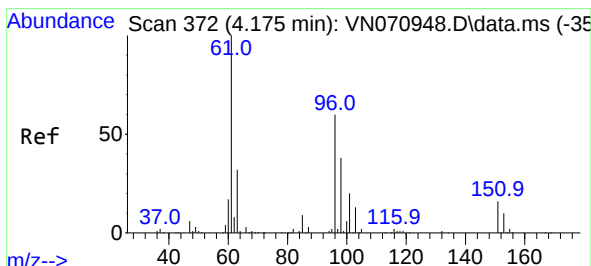
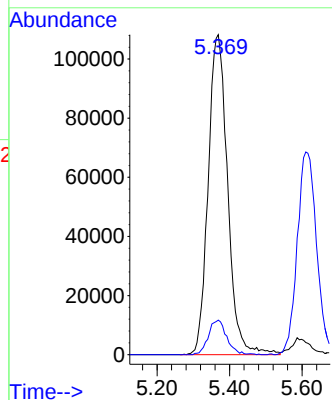
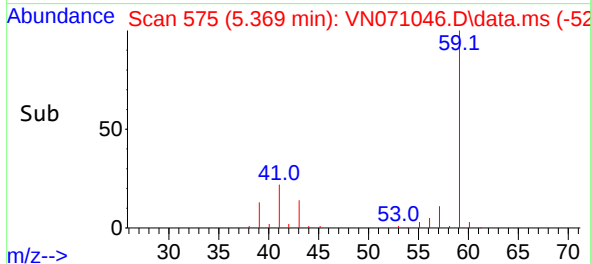
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



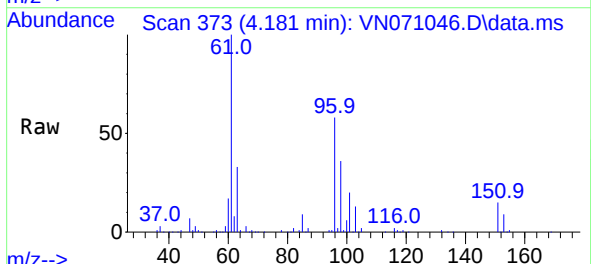
Tgt Ion: 59 Resp: 40324
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
APPROVED

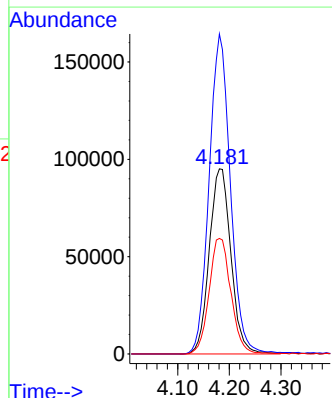
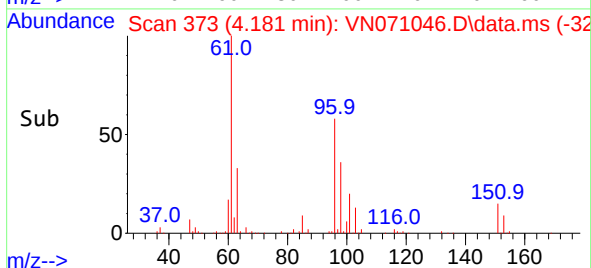
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

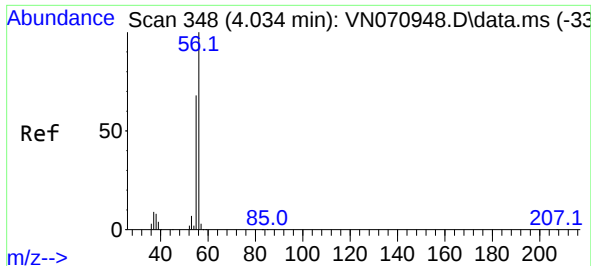


#12
1,1-Dichloroethene
Concen: 46.689 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



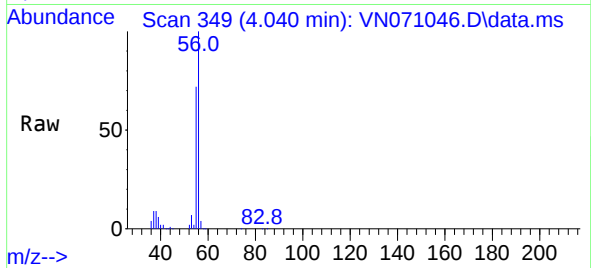
Tgt Ion: 96 Resp: 277083
Ion Ratio Lower Upper
96 100
61 172.9 131.0 196.6
98 62.4 52.4 78.6





#13
Acrolein
Concen: 274.099 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

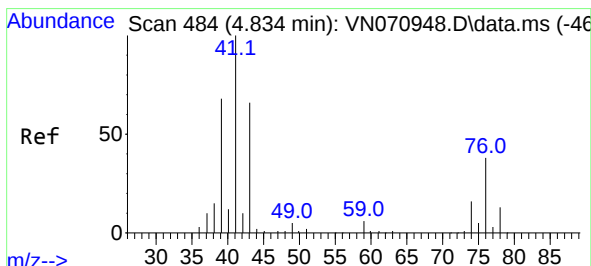
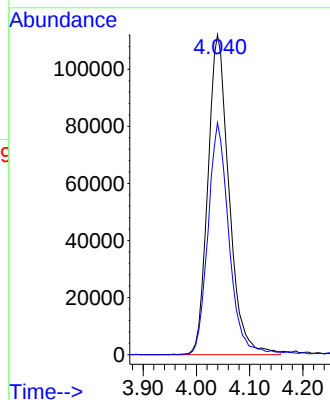
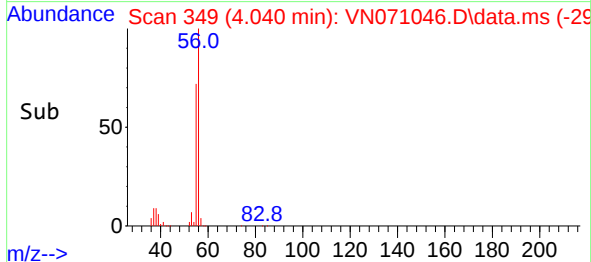
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



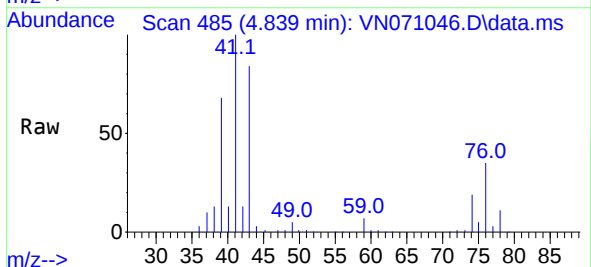
Tgt Ion: 56 Resp: 309095
Ion Ratio Lower Upper
56 100
55 72.4 56.6 85.0

Manual Integrations
APPROVED

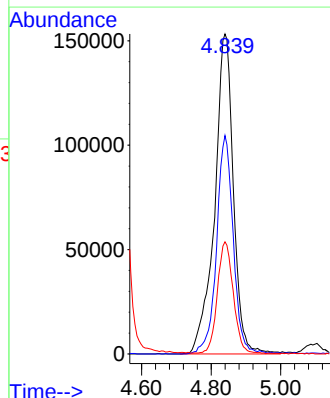
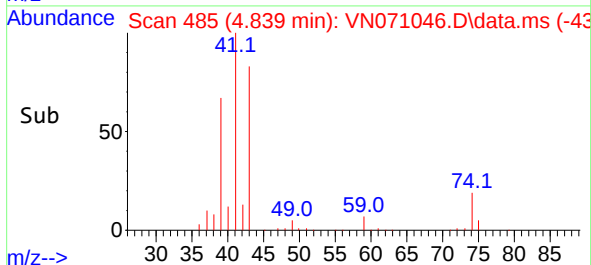
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

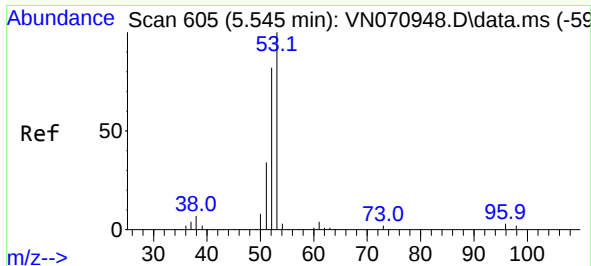


#14
Allyl chloride
Concen: 50.792 ug/l
RT: 4.839 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



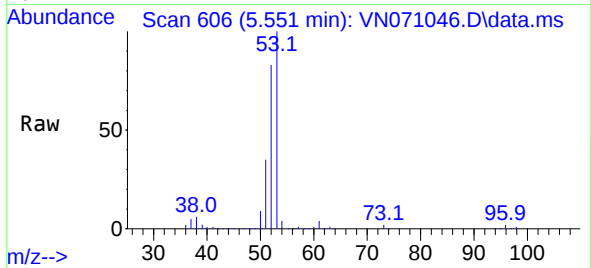
Tgt Ion: 41 Resp: 574877
Ion Ratio Lower Upper
41 100
39 60.3 61.2 91.8#
76 29.7 26.0 39.0





#15
Acrylonitrile
Concen: 308.893 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

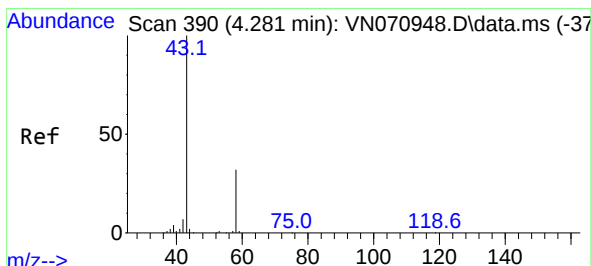
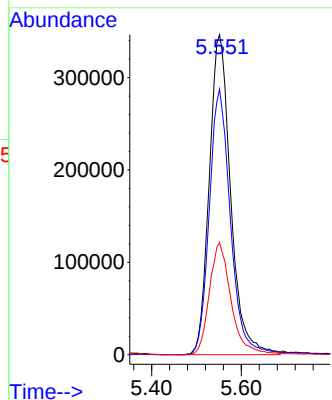
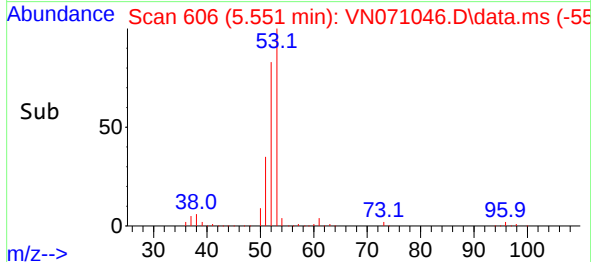
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 114822
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 35.7 29.6 44.4

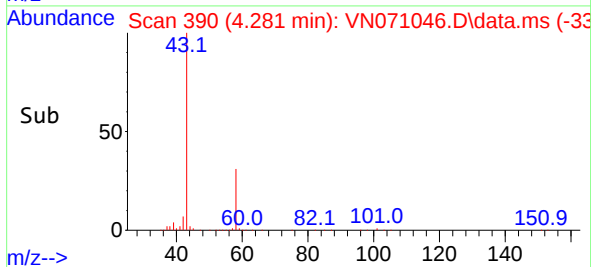
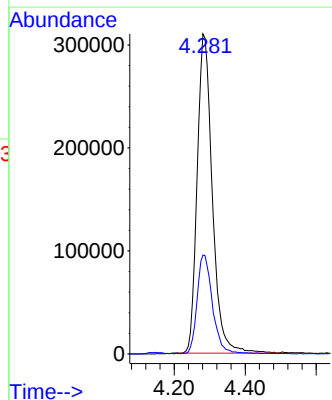
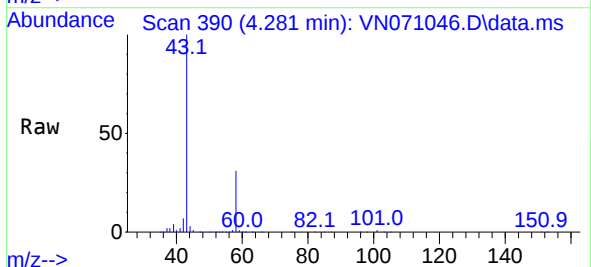
Manual Integrations
APPROVED

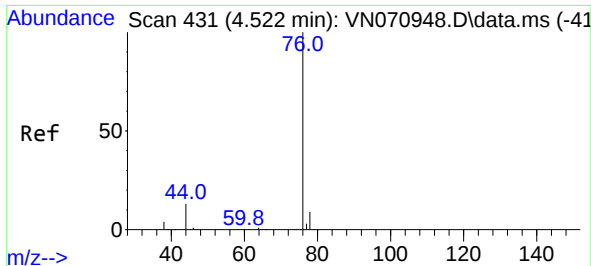
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#16
Acetone
Concen: 241.184 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

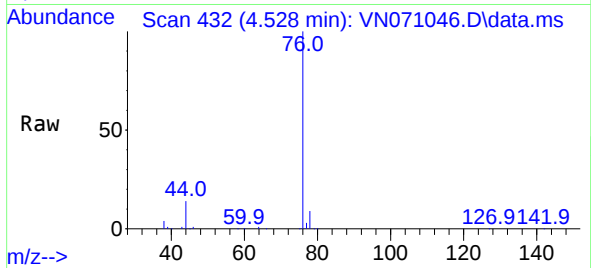
Tgt Ion: 43 Resp: 919774
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7





#17
Carbon Disulfide
Concen: 40.458 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

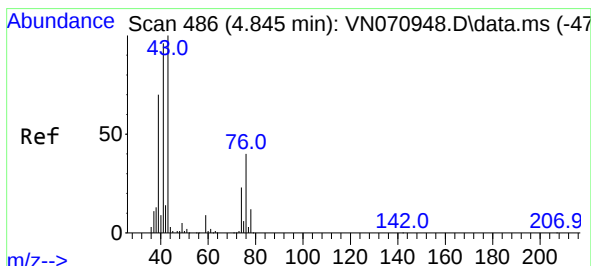
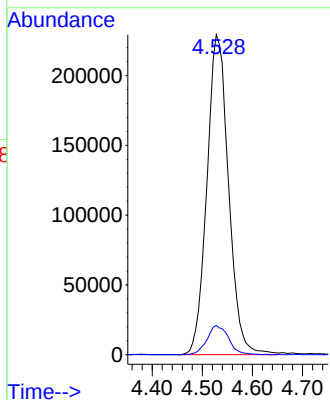
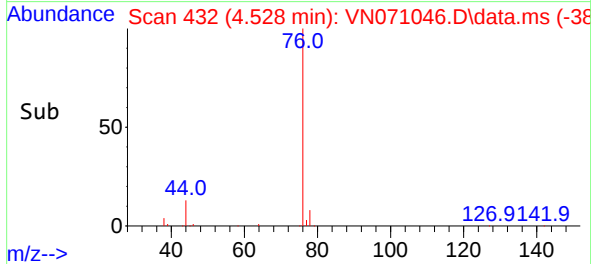
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



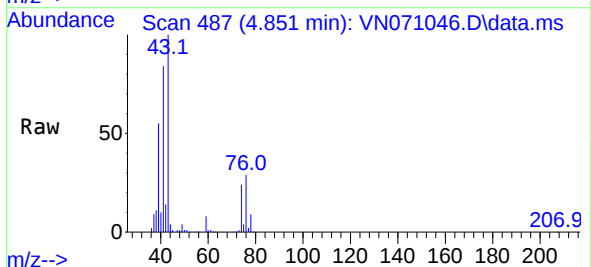
Tgt Ion: 76 Resp: 688550
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

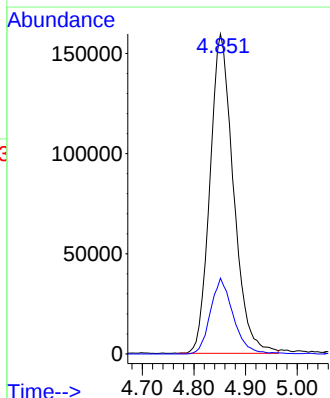
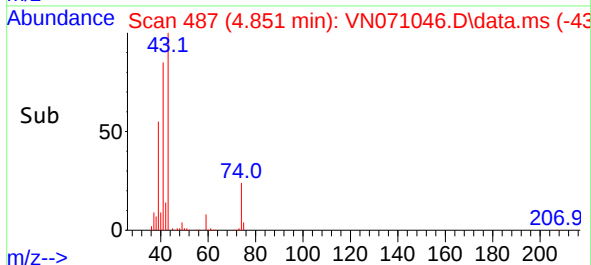
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

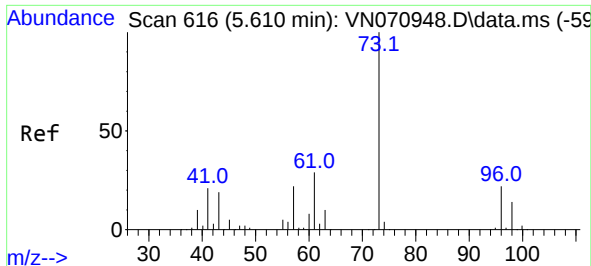


#18
Methyl Acetate
Concen: 60.358 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



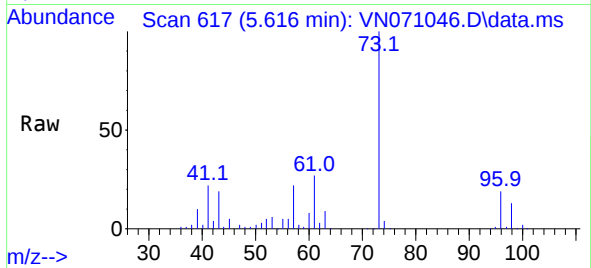
Tgt Ion: 43 Resp: 502960
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.161 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

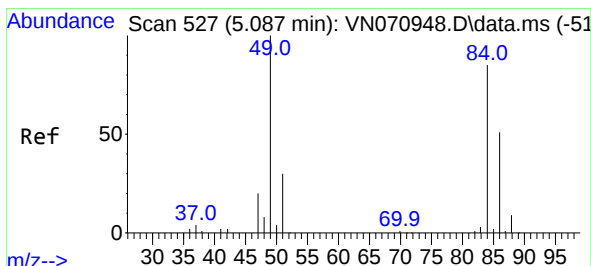
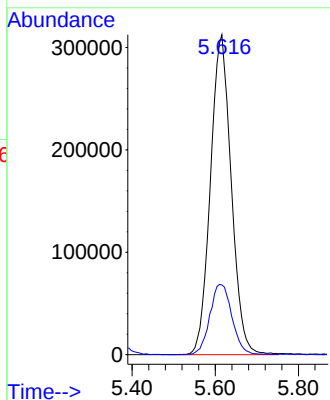
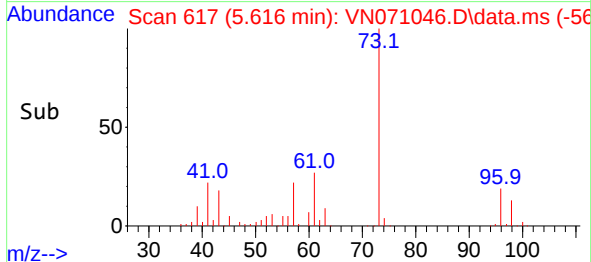
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



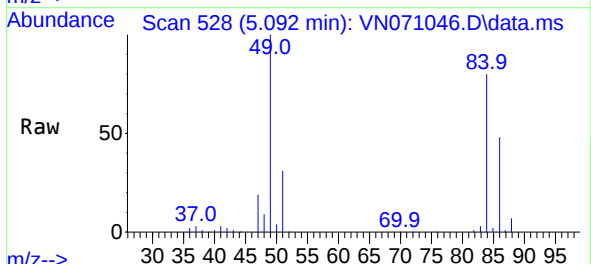
Tgt Ion: 73 Resp: 108588
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

Manual Integrations
APPROVED

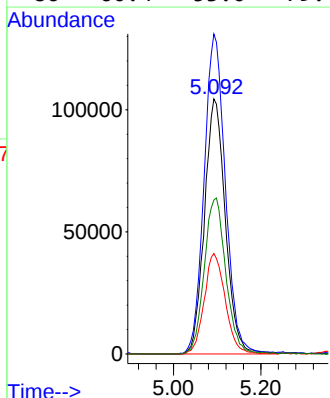
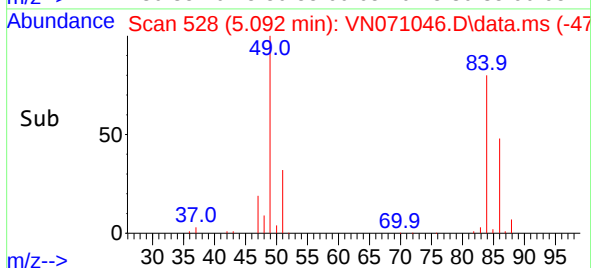
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

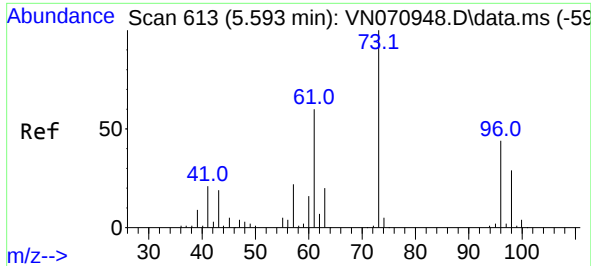


#20
Methylene Chloride
Concen: 50.343 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



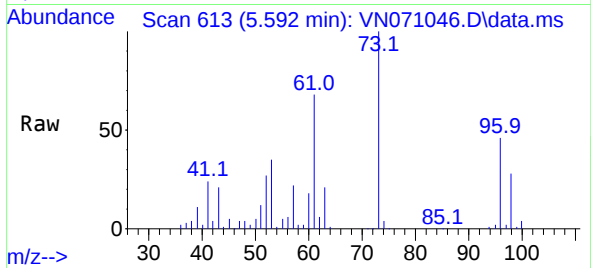
Tgt Ion: 84 Resp: 348919
Ion Ratio Lower Upper
84 100
49 125.5 93.5 140.3
51 39.4 29.4 44.2
86 60.4 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.123 ug/l
RT: 5.592 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

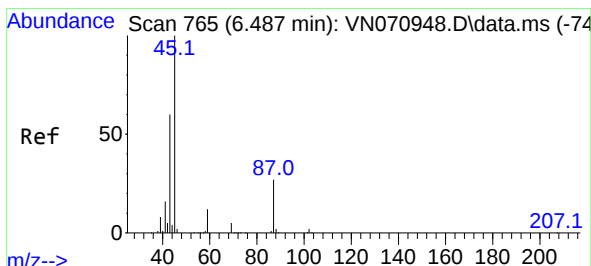
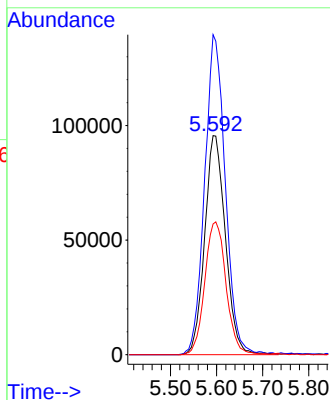
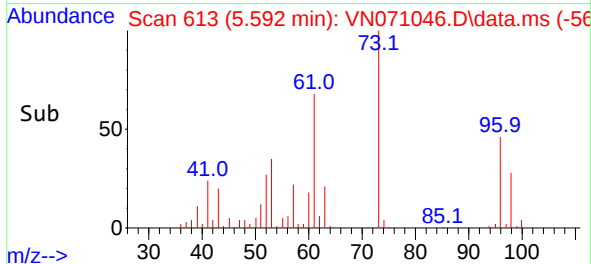
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



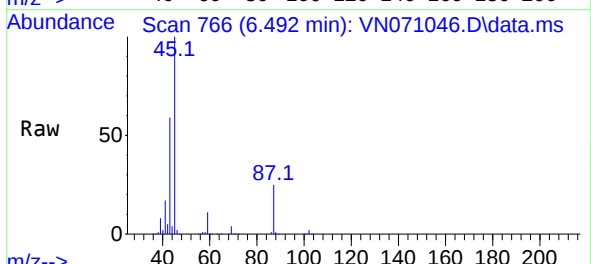
Tgt Ion: 96 Resp: 300160
Ion Ratio Lower Upper
96 100
61 146.1 105.8 158.6
98 59.7 52.0 78.0

Manual Integrations
APPROVED

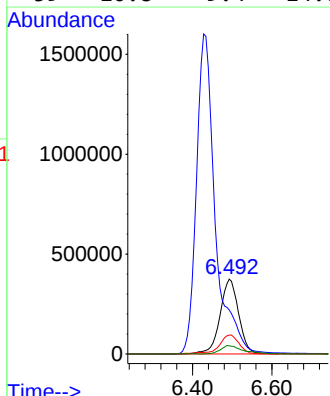
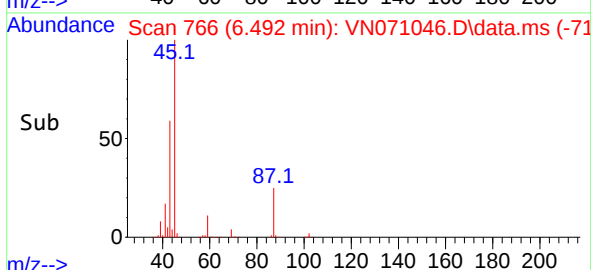
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

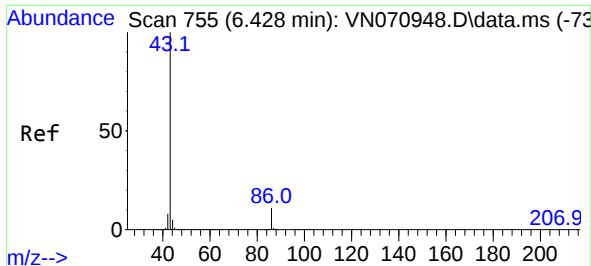


#22
Diisopropyl ether
Concen: 56.335 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion: 45 Resp: 1222909
Ion Ratio Lower Upper
45 100
43 58.3 51.7 77.5
87 25.1 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 287.426 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071046.D
 Acq: 23 Feb 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

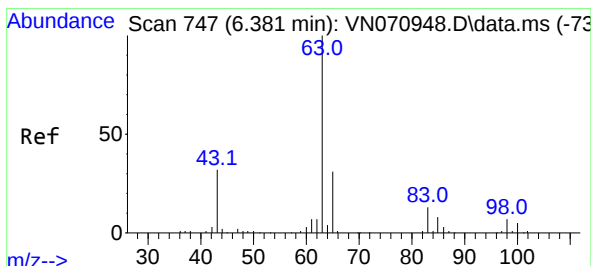
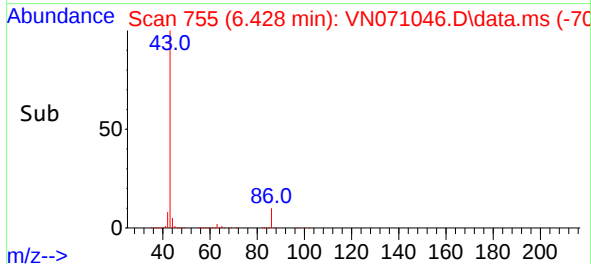
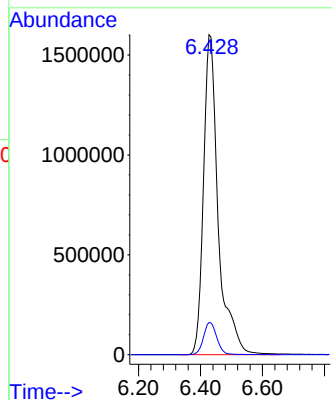
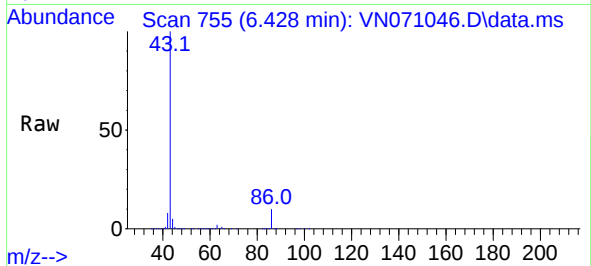
VSTDCCC050EC

Tgt Ion: 43 Resp: 528173
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations

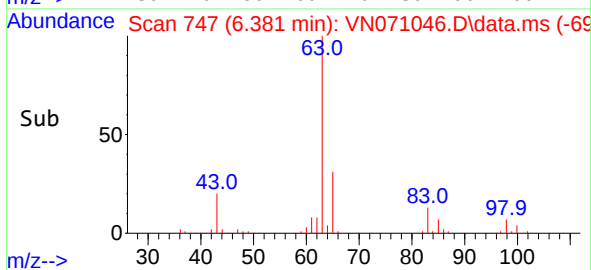
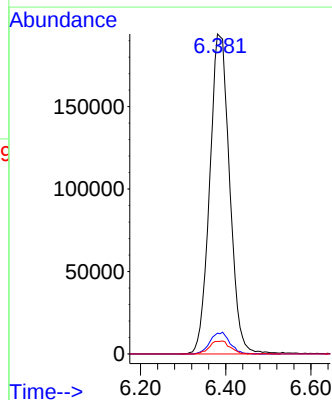
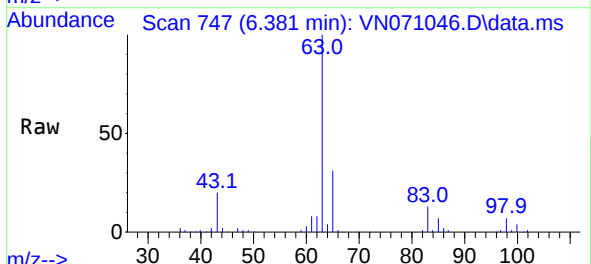
APPROVED

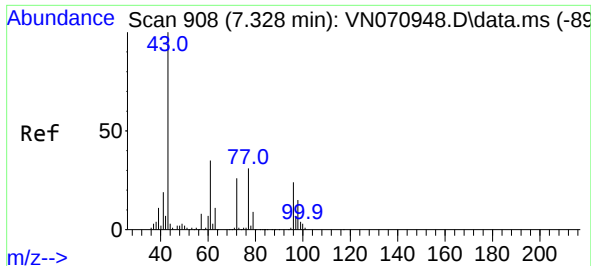
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#24
 1,1-Dichloroethane
 Concen: 51.773 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071046.D
 Acq: 23 Feb 2022 20:33

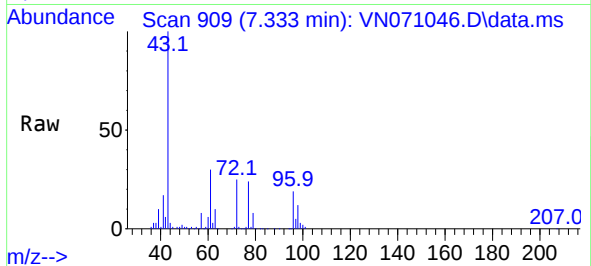
Tgt Ion: 63 Resp: 630029
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 307.369 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

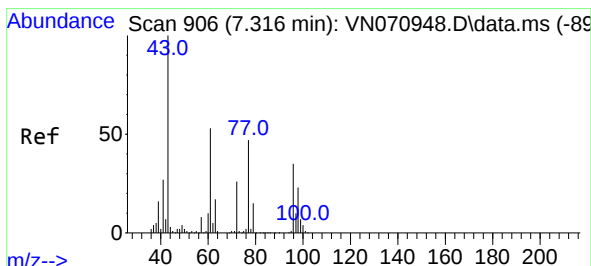
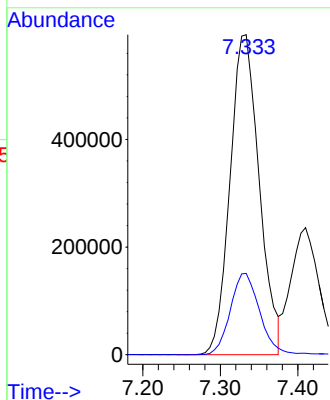
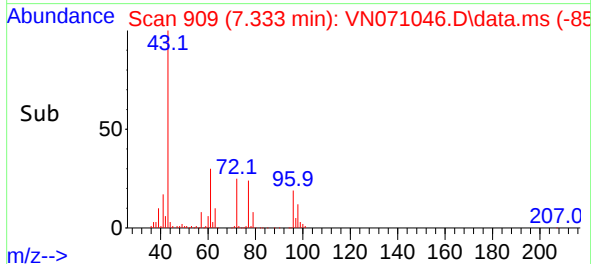
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



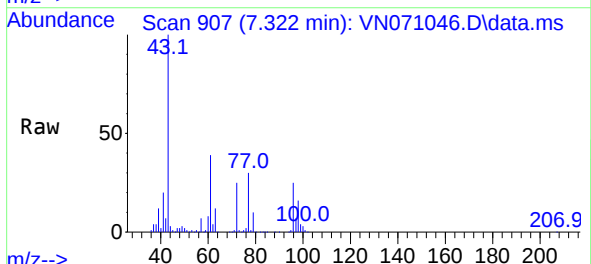
Tgt Ion: 43 Resp: 1559330
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

Manual Integrations
APPROVED

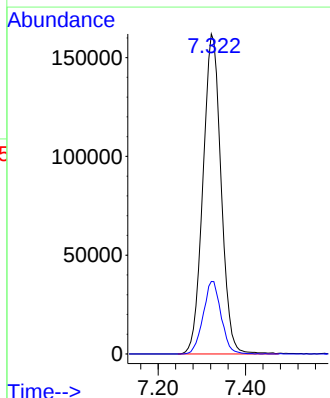
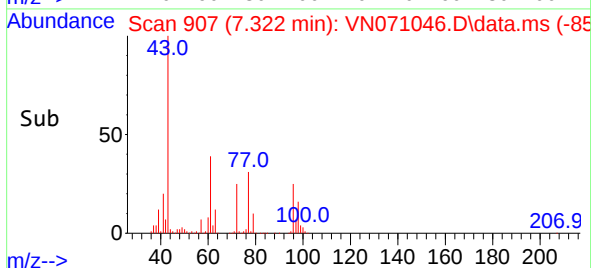
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

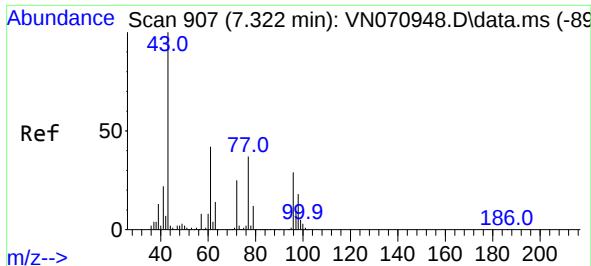


#26
2,2-Dichloropropane
Concen: 46.170 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



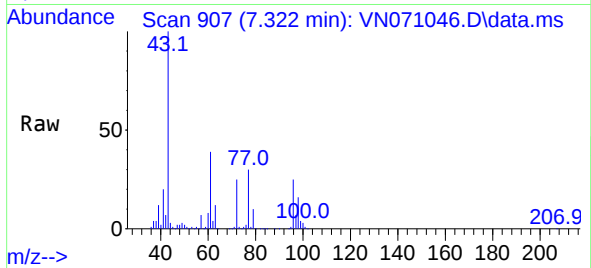
Tgt Ion: 77 Resp: 466945
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.084 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071046.D
 Acq: 23 Feb 2022 20:33

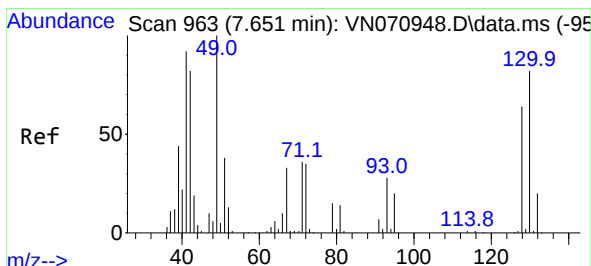
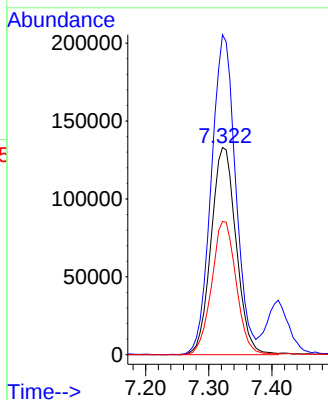
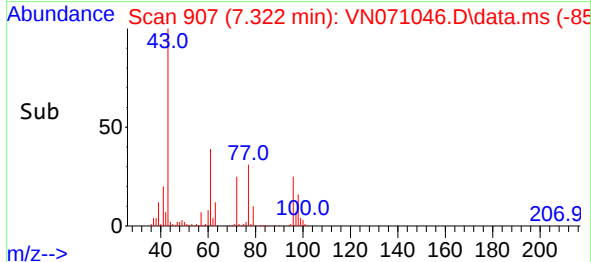
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 366663
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 275.0
 98 63.0 0.0 129.6

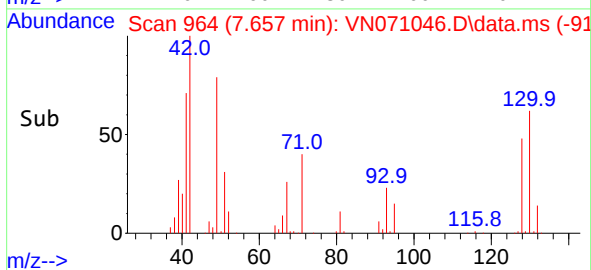
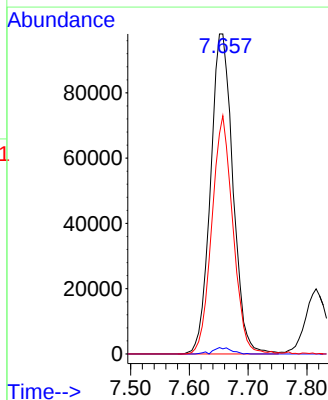
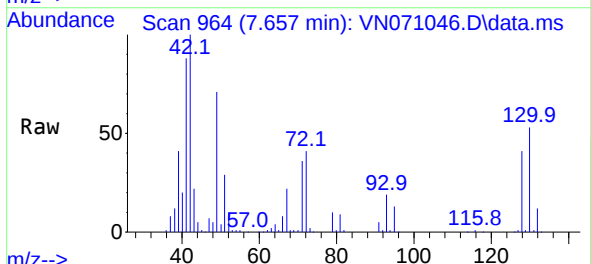
Manual Integrations
 APPROVED

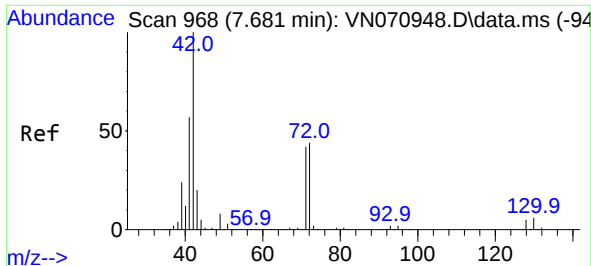
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022



#28
 Bromochloromethane
 Concen: 52.796 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071046.D
 Acq: 23 Feb 2022 20:33

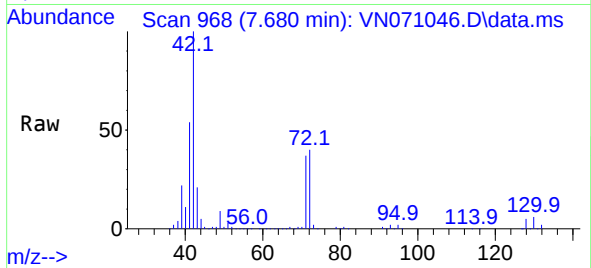
Tgt Ion: 49 Resp: 260037
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 70.1 67.8 101.8





#29
Tetrahydrofuran
Concen: 324.862 ug/l
RT: 7.680 min Scan# 909
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

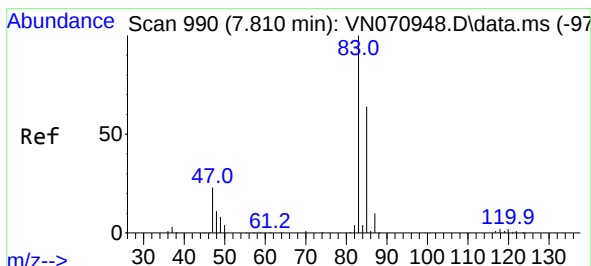
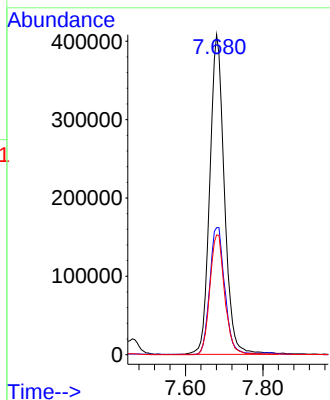
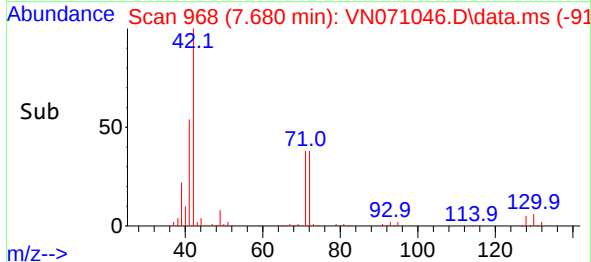
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



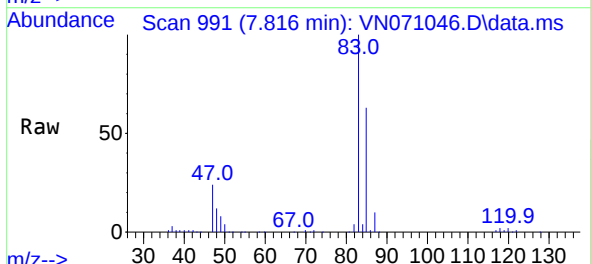
Tgt Ion: 42 Resp: 1067654
Ion Ratio Lower Upper
42 100
72 40.8 36.3 54.5
71 38.1 34.7 52.1

Manual Integrations
APPROVED

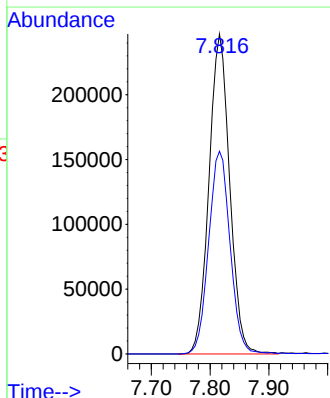
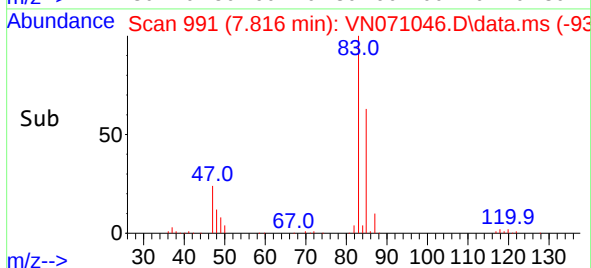
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

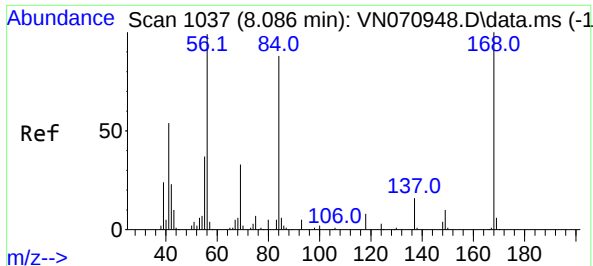


#30
Chloroform
Concen: 50.447 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



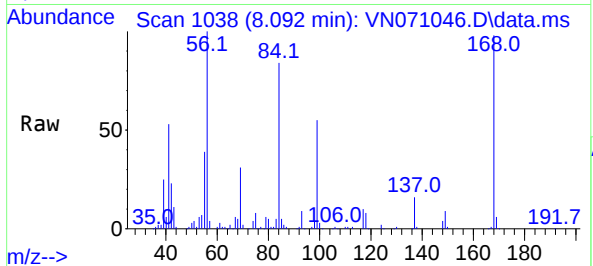
Tgt Ion: 83 Resp: 603777
Ion Ratio Lower Upper
83 100
85 63.4 51.9 77.9





#31
Cyclohexane
Concen: 47.921 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

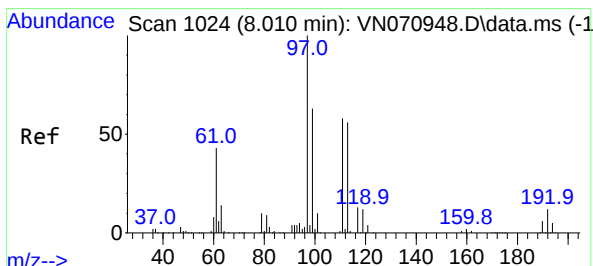
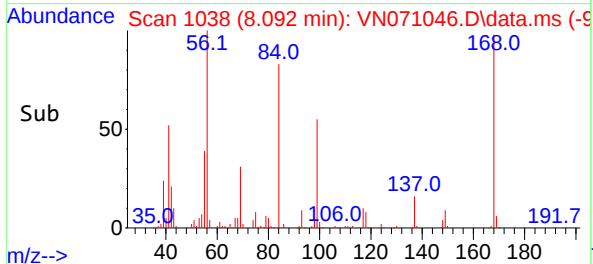
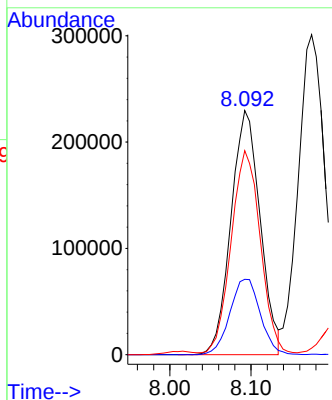
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 573898
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 82.3 73.4 110.0

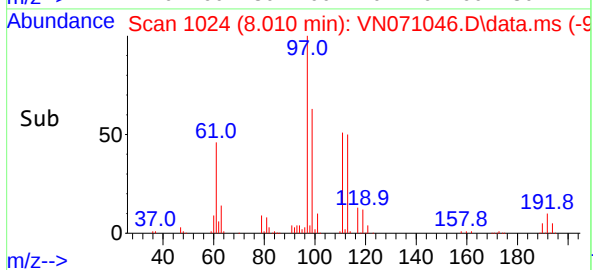
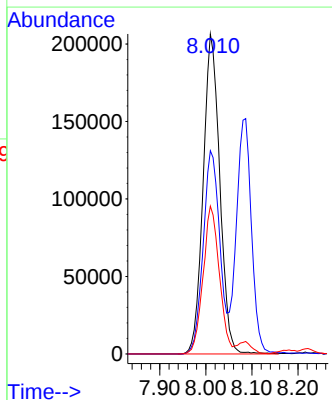
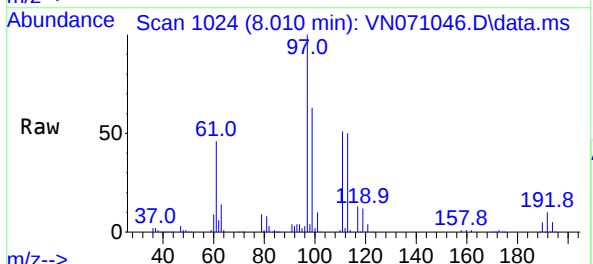
Manual Integrations
APPROVED

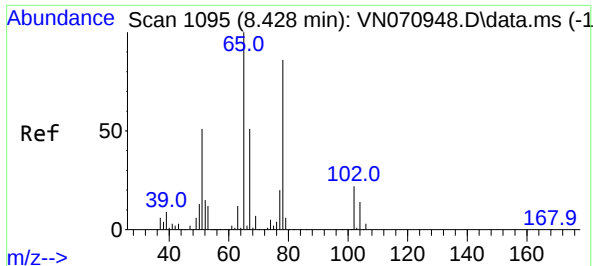
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#32
1,1,1-Trichloroethane
Concen: 50.260 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

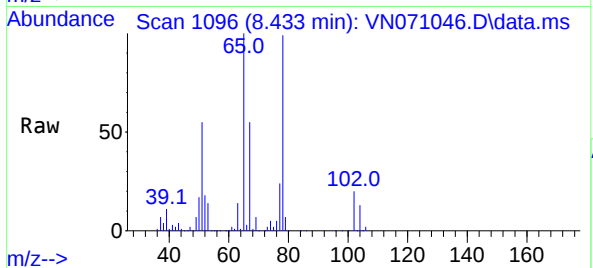
Tgt Ion: 97 Resp: 519487
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 45.5 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 53.753 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

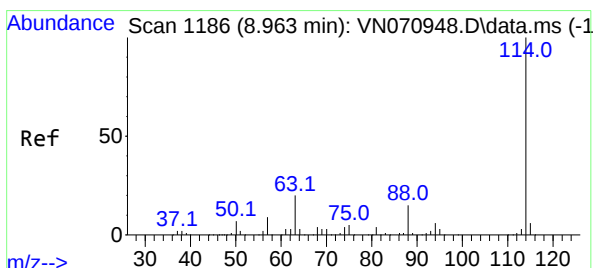
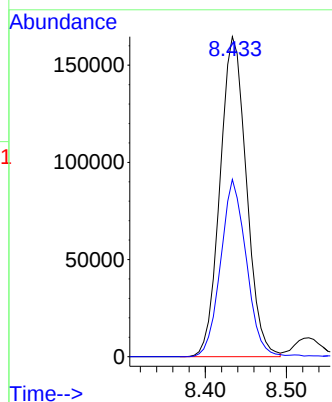
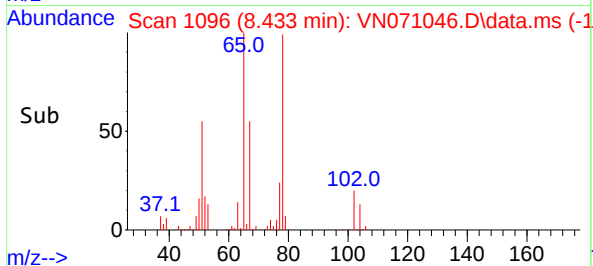
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



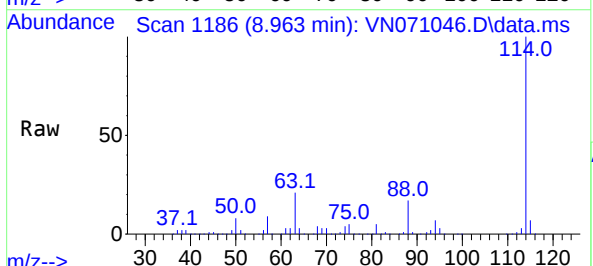
Tgt Ion: 65 Resp: 372225
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0

Manual Integrations
APPROVED

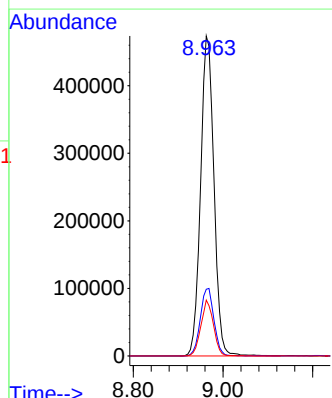
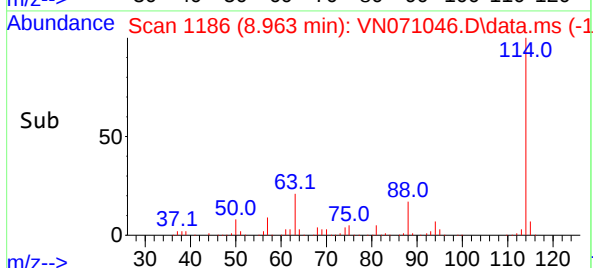
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

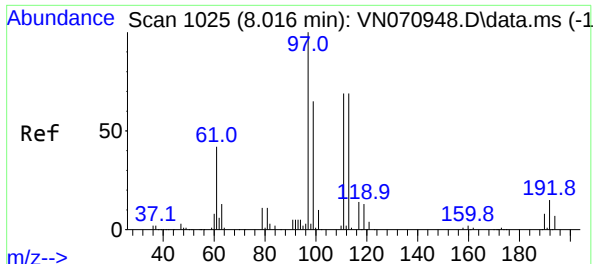


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



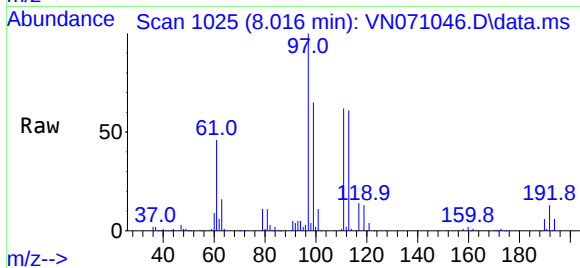
Tgt Ion:114 Resp: 979747
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.8
88 17.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.680 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

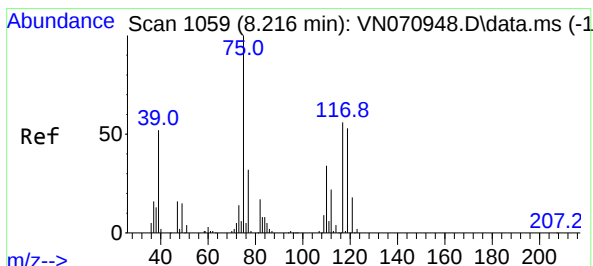
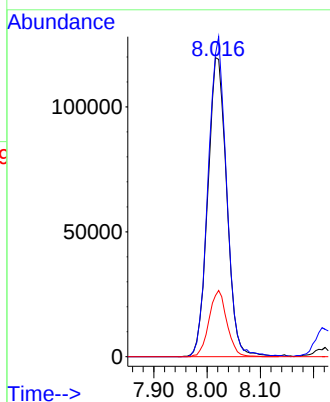
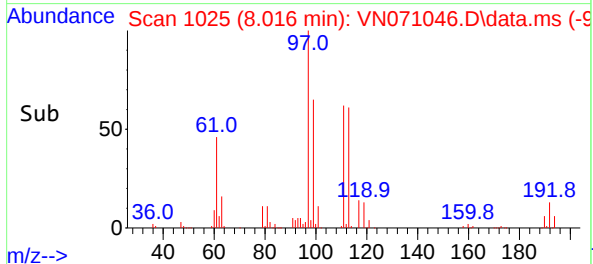
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



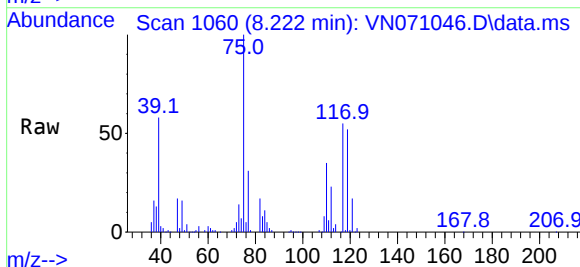
Tgt Ion:113 Resp: 295340
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 20.9 16.9 25.3

Manual Integrations
APPROVED

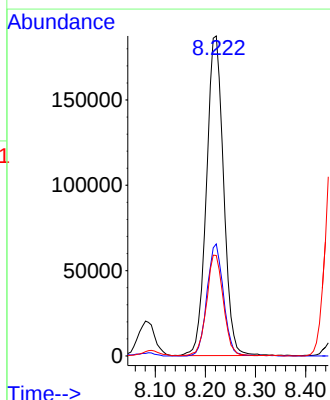
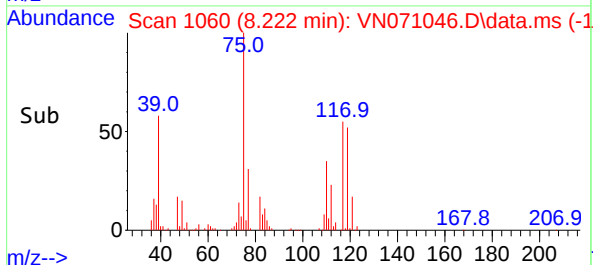
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

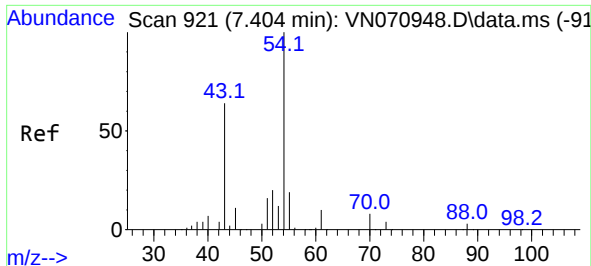


#36
1,1-Dichloropropene
Concen: 46.431 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



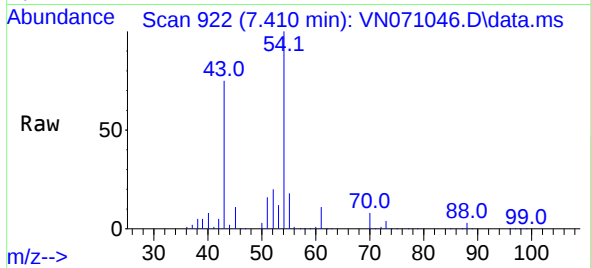
Tgt Ion: 75 Resp: 443298
Ion Ratio Lower Upper
75 100
110 33.7 18.4 55.2
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 60.924 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

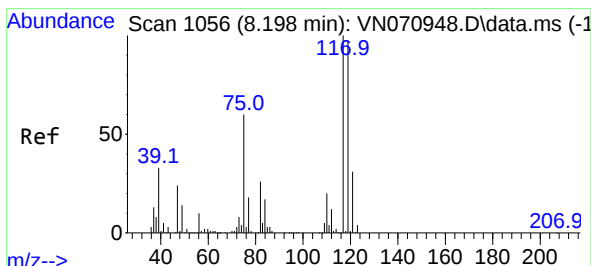
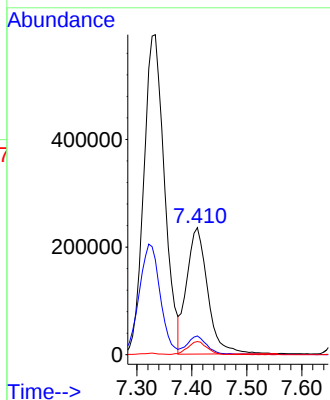
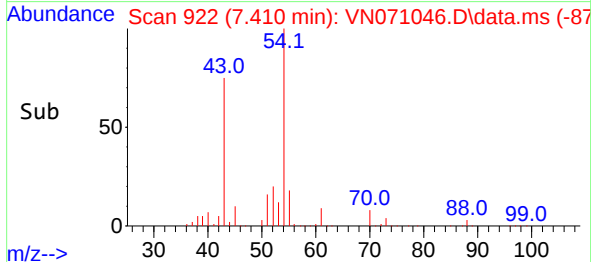
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 623819
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 9.8 7.9 11.9

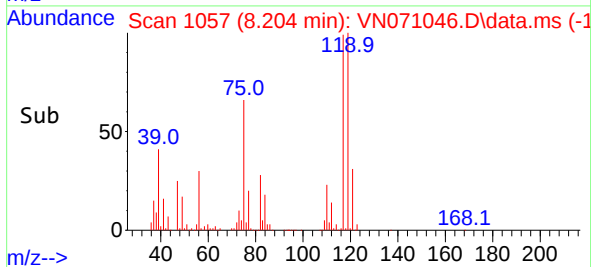
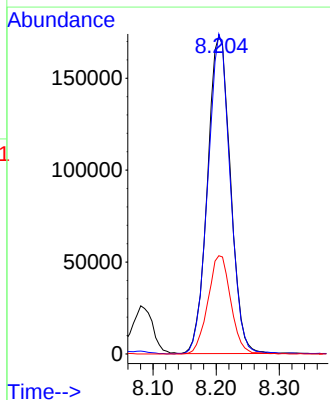
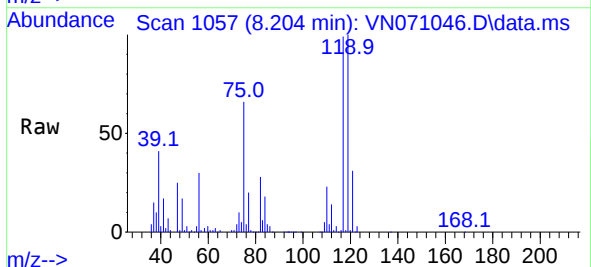
Manual Integrations
APPROVED

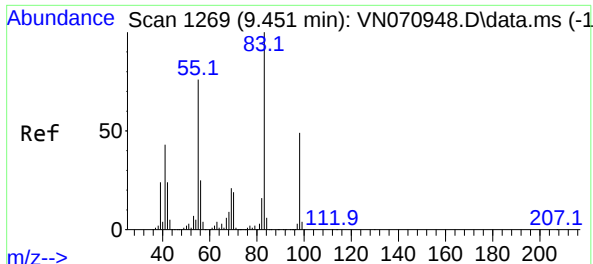
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#38
Carbon Tetrachloride
Concen: 46.400 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Tgt Ion:117 Resp: 436492
Ion Ratio Lower Upper
117 100
119 100.5 76.1 114.1
121 31.0 24.2 36.2





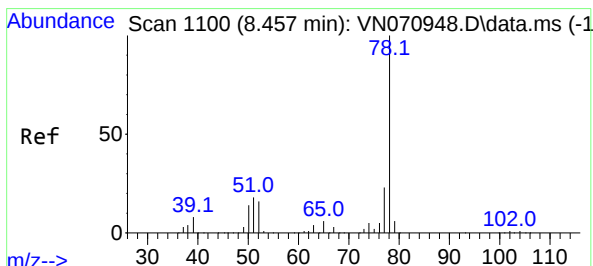
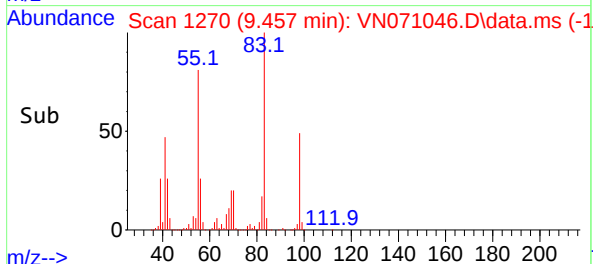
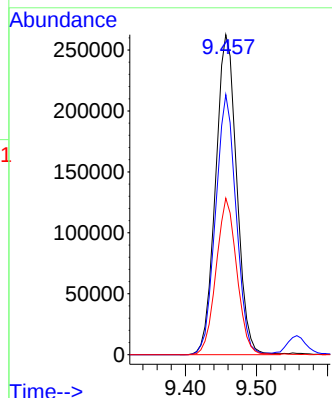
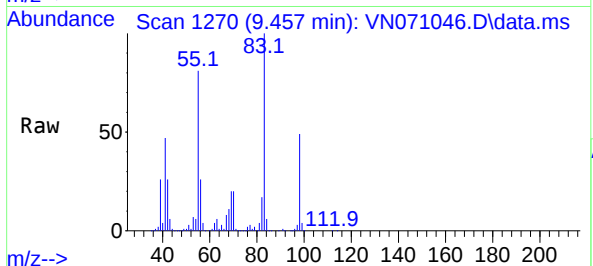
#39
Methylcyclohexane
Concen: 44.042 ug/l
RT: 9.457 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 541062
Ion Ratio Lower Upper
83 100
55 81.2 58.1 87.1
98 48.9 38.4 57.6

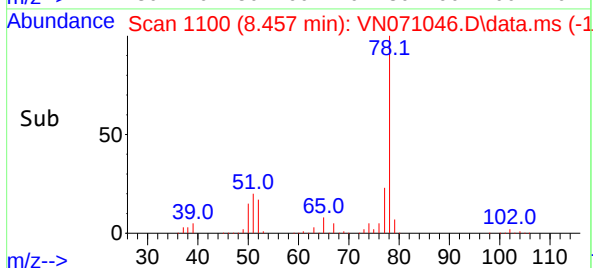
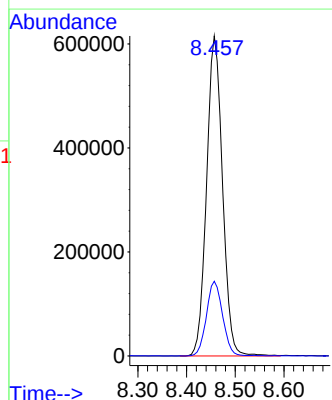
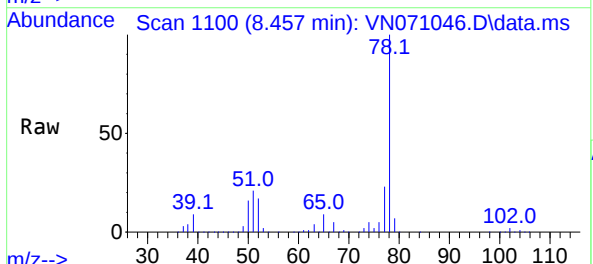
Manual Integrations
APPROVED

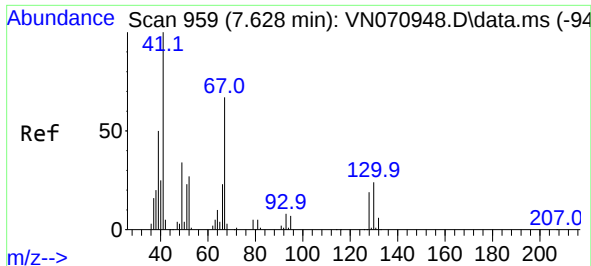
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#40
Benzene
Concen: 49.295 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

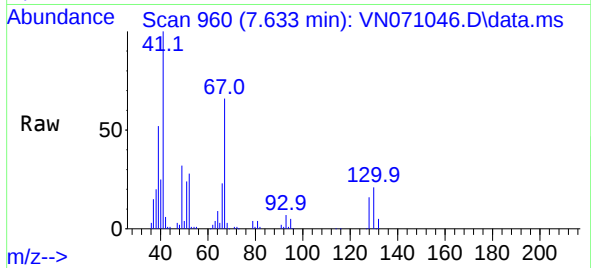
Tgt Ion: 78 Resp: 1392161
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 59.197 ug/l
RT: 7.633 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

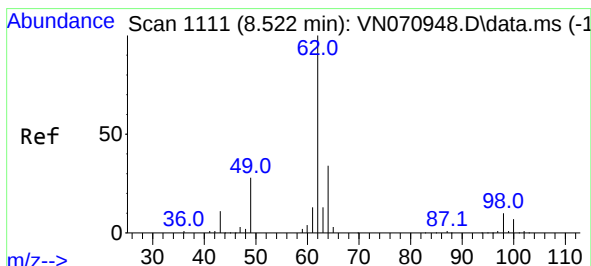
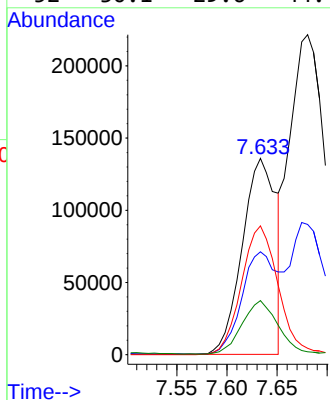
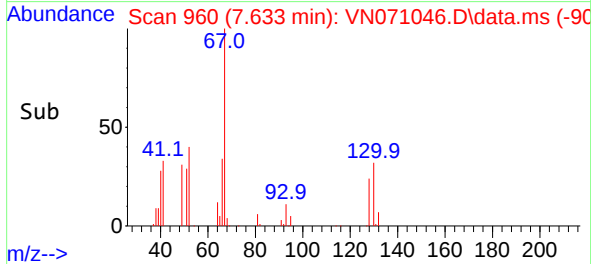
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



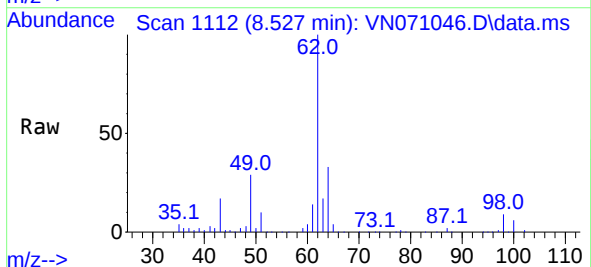
Tgt Ion: 41 Resp: 31924
Ion Ratio Lower Upper
41 100
39 53.0 48.1 72.1
67 72.0 68.3 102.5
52 30.1 29.6 44.4

Manual Integrations
APPROVED

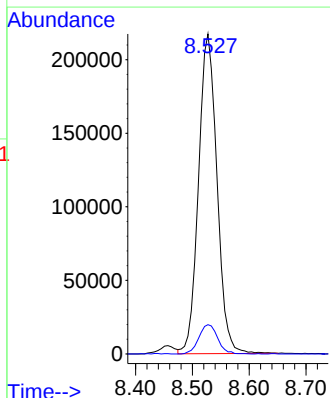
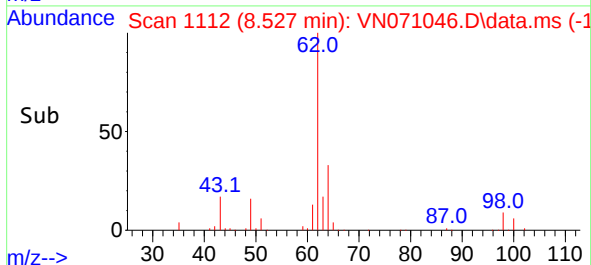
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

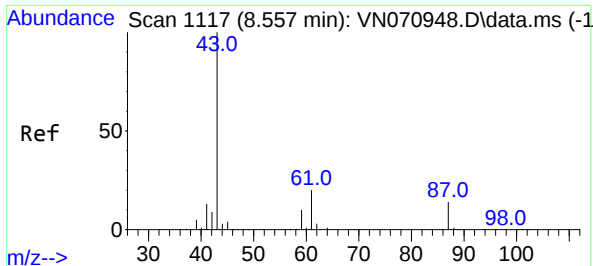


#42
1,2-Dichloroethane
Concen: 50.965 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



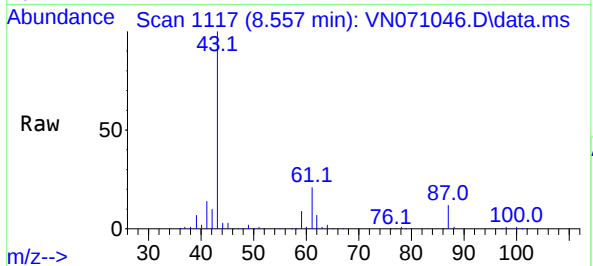
Tgt Ion: 62 Resp: 490200
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 57.774 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

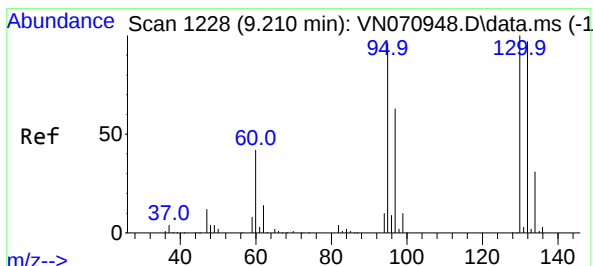
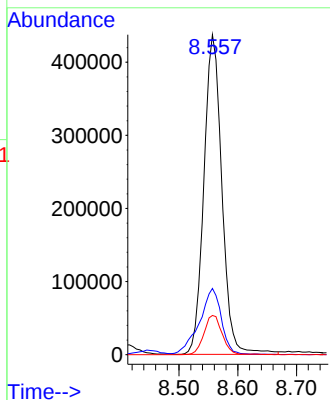
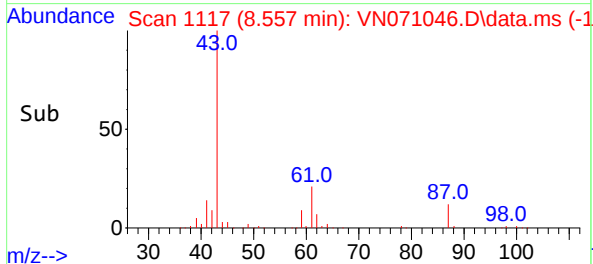
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



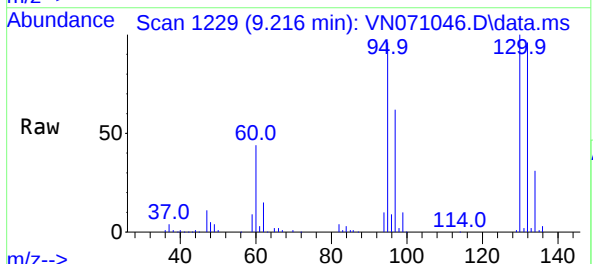
Tgt Ion: 43 Resp: 932438
Ion Ratio Lower Upper
43 100
61 24.9 20.4 30.6
87 12.4 11.2 16.8

Manual Integrations
APPROVED

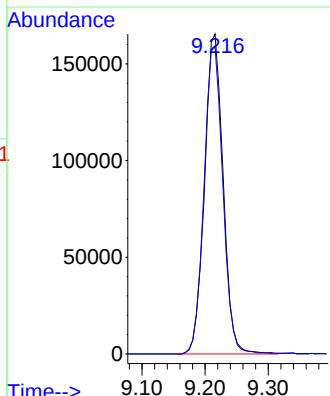
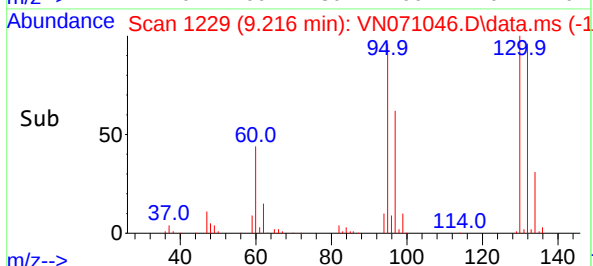
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

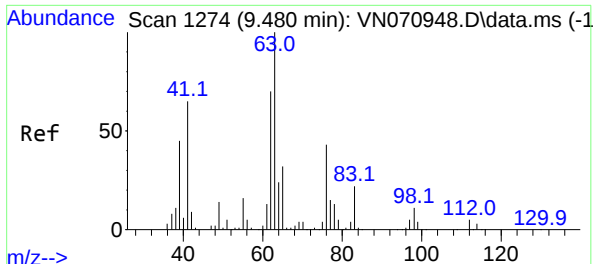


#44
Trichloroethene
Concen: 45.510 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion:130 Resp: 338447
Ion Ratio Lower Upper
130 100
95 96.3 0.0 191.2





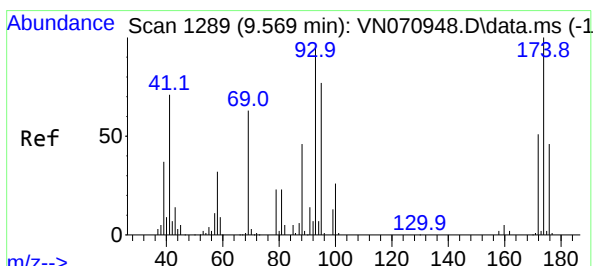
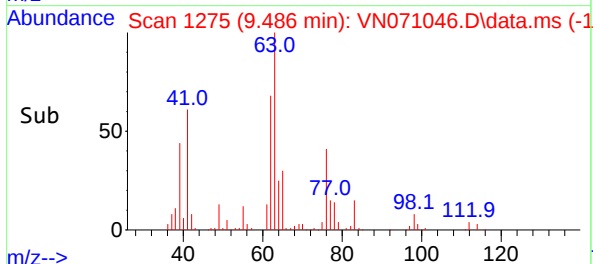
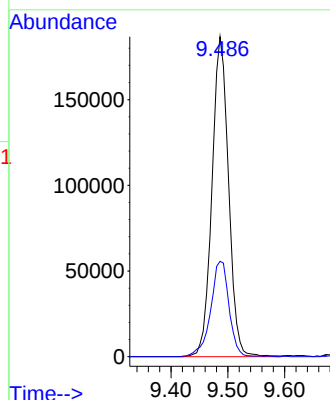
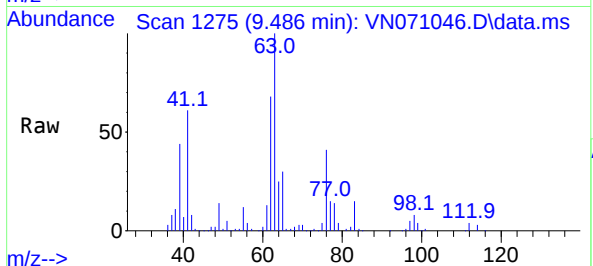
#45
1,2-Dichloropropane
Concen: 52.131 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 377128
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

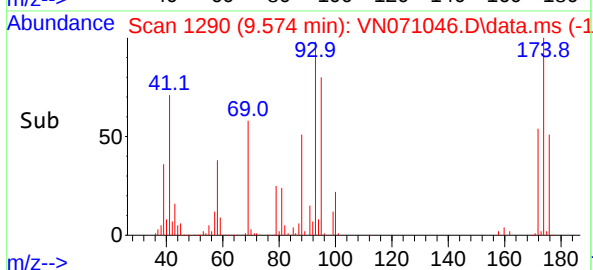
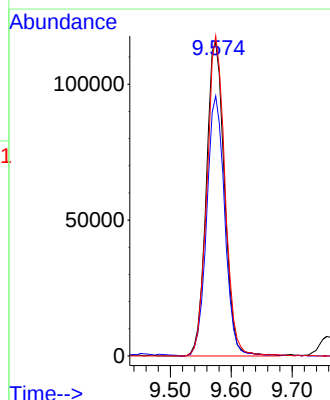
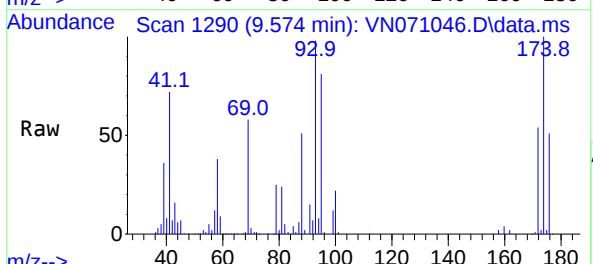
Manual Integrations
APPROVED

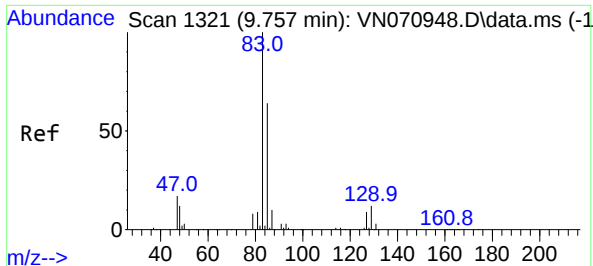
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#46
Dibromomethane
Concen: 50.441 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

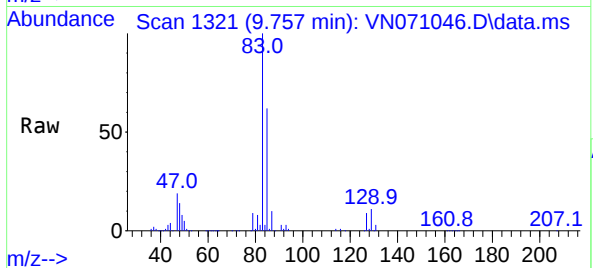
Tgt Ion: 93 Resp: 240135
Ion Ratio Lower Upper
93 100
95 81.9 65.9 98.9
174 100.8 84.6 127.0





#47
Bromodichloromethane
Concen: 50.210 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

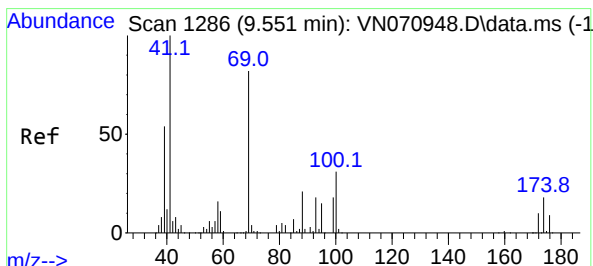
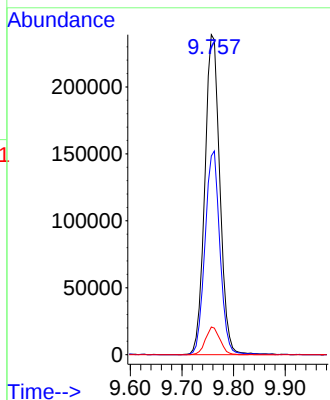
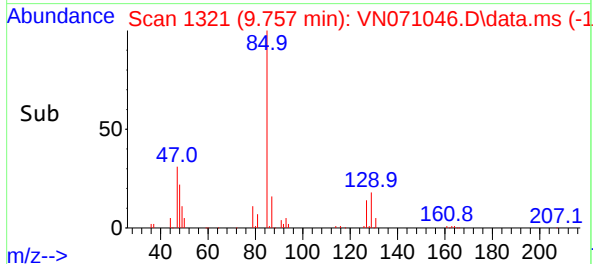
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



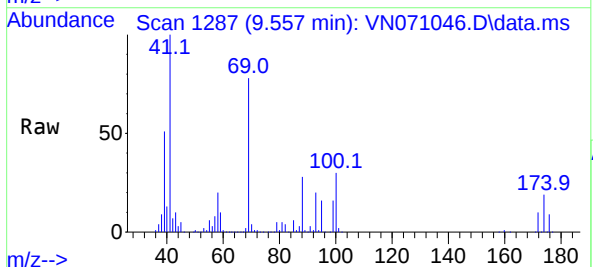
Tgt Ion: 83 Resp: 483104
Ion Ratio Lower Upper
83 100
85 62.1 50.9 76.3
127 8.7 7.1 10.7

Manual Integrations
APPROVED

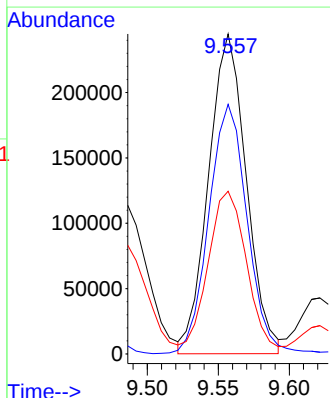
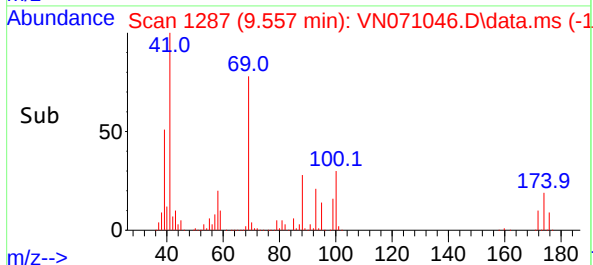
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

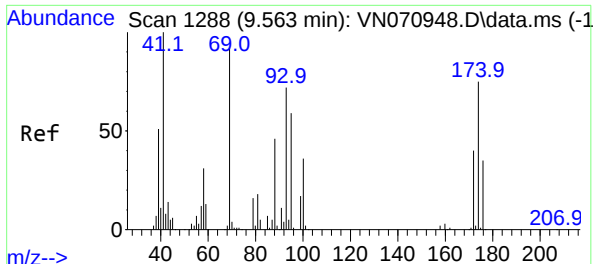


#48
Methyl methacrylate
Concen: 59.228 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion: 41 Resp: 452460
Ion Ratio Lower Upper
41 100
69 79.6 72.4 108.6
39 52.0 58.4 87.6#





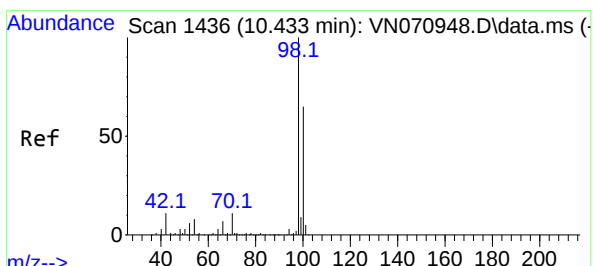
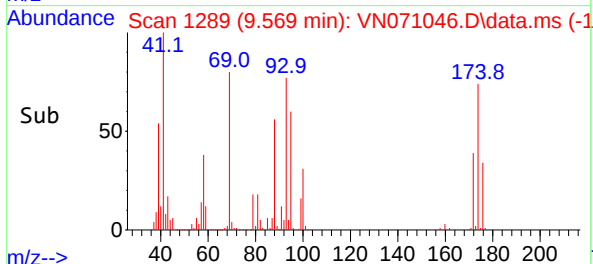
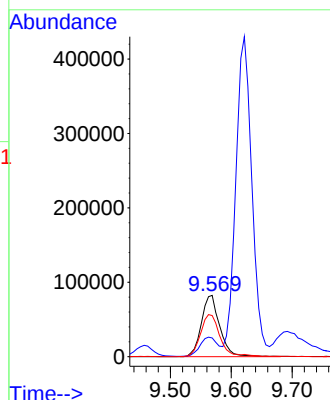
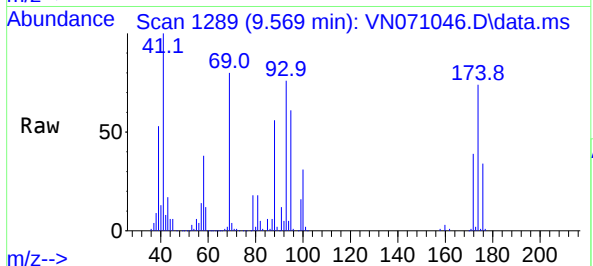
#49
1,4-Dioxane
Concen: 1269.310 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 172225
Ion Ratio Lower Upper
88 100
43 31.8 23.4 35.2
58 73.5 50.6 75.8

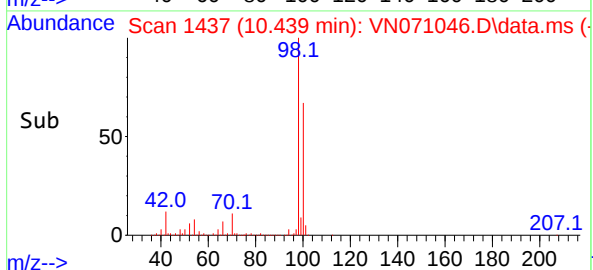
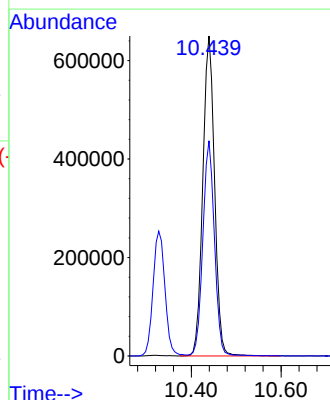
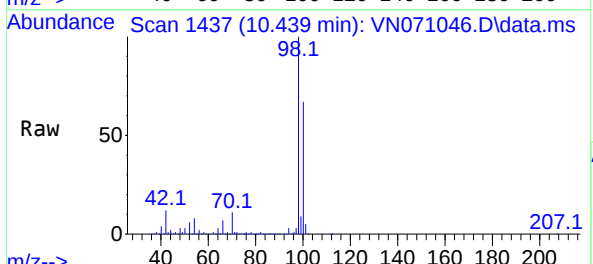
Manual Integrations
APPROVED

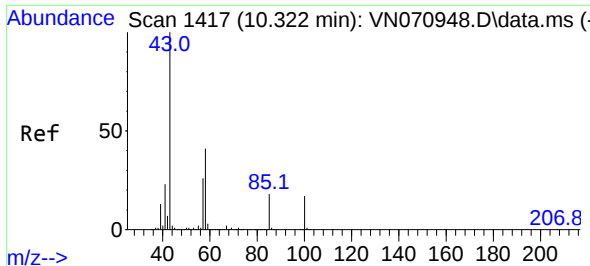
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#50
Toluene-d8
Concen: 50.435 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

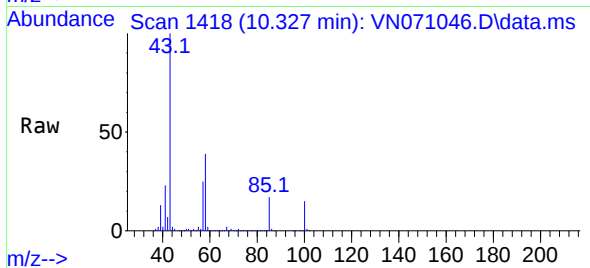
Tgt Ion: 98 Resp: 1180331
Ion Ratio Lower Upper
98 100
100 66.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 316.269 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

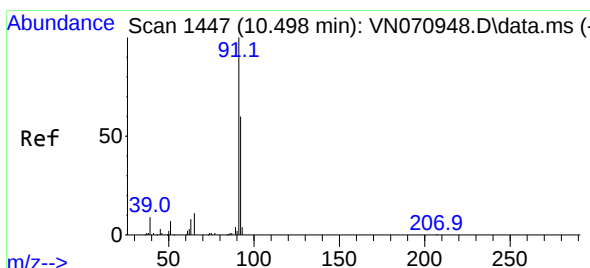
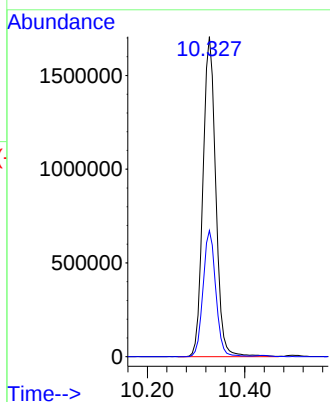
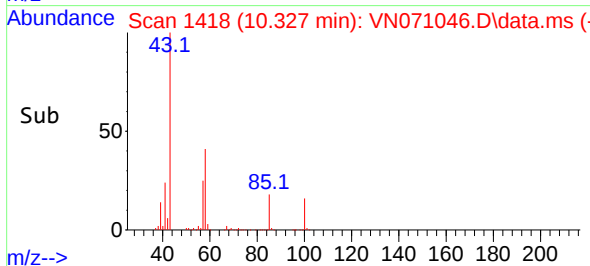
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3105650
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

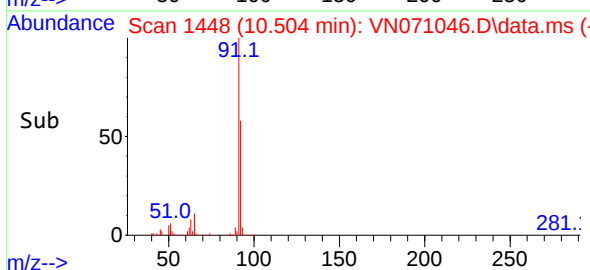
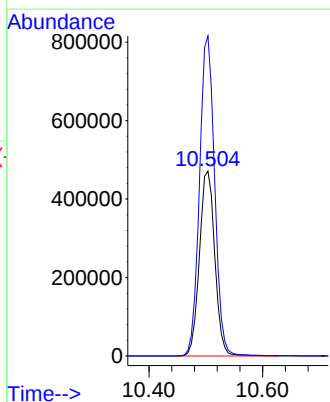
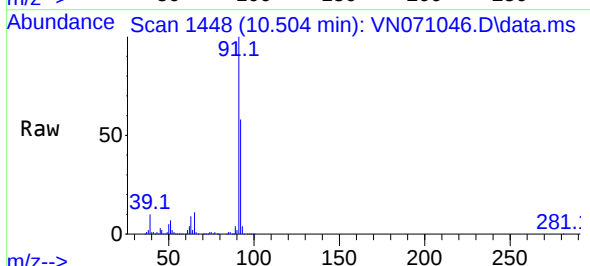
Manual Integrations
APPROVED

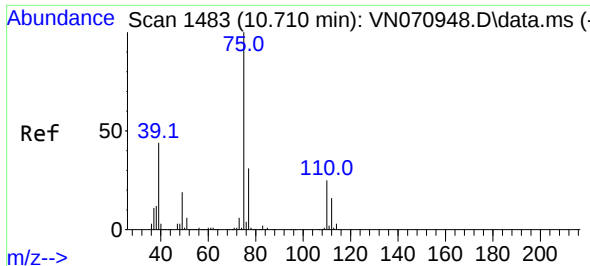
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#52
Toluene
Concen: 49.767 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Tgt Ion: 92 Resp: 883157
Ion Ratio Lower Upper
92 100
91 171.1 142.0 213.0





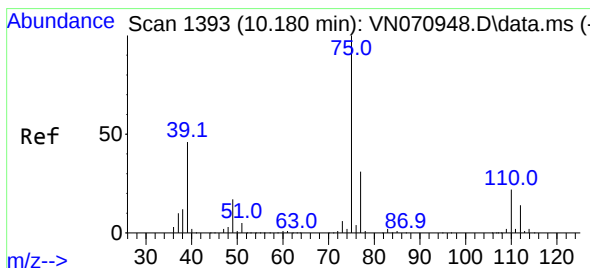
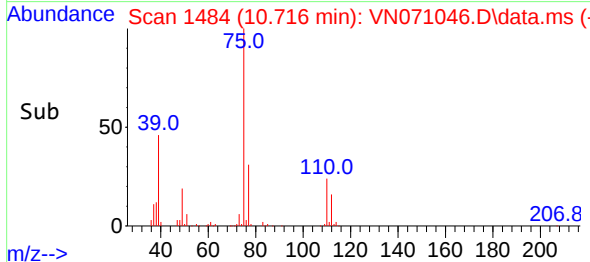
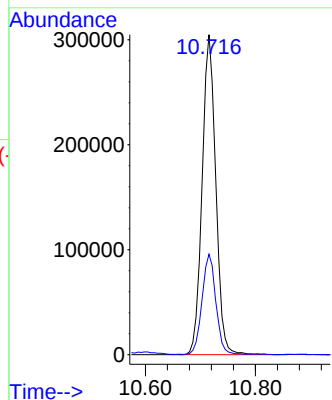
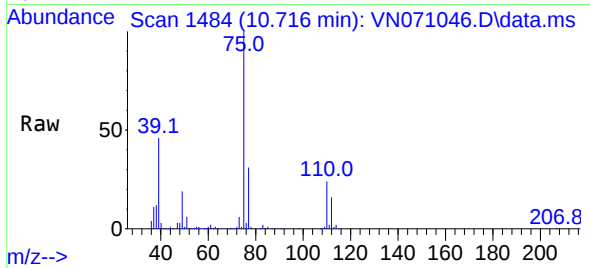
#53
t-1,3-Dichloropropene
Concen: 50.208 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 525289
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

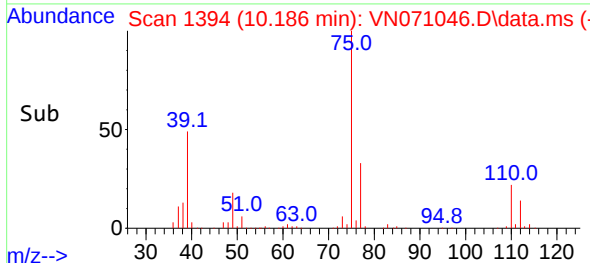
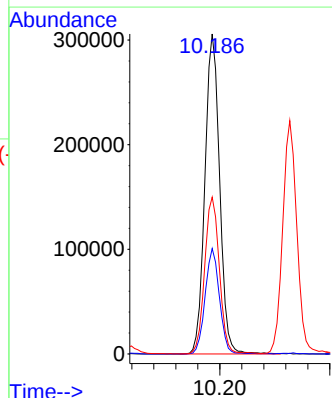
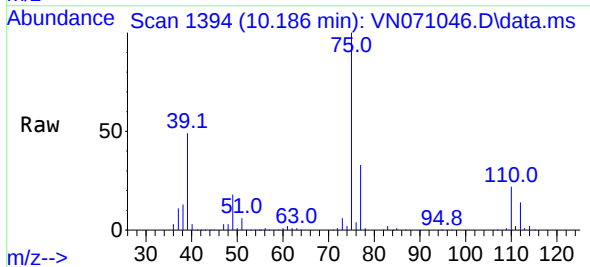
Manual Integrations
APPROVED

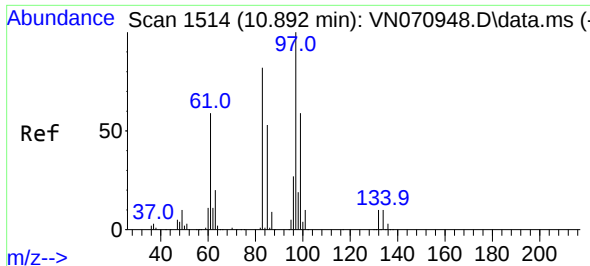
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#54
cis-1,3-Dichloropropene
Concen: 49.474 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

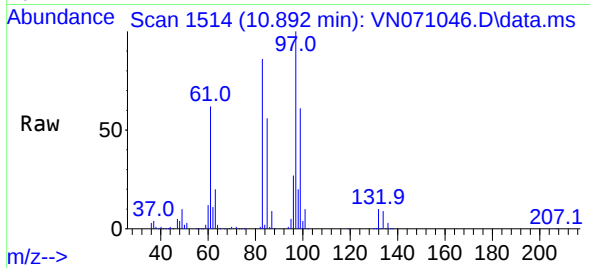
Tgt Ion: 75 Resp: 568434
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
39 49.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 50.999 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

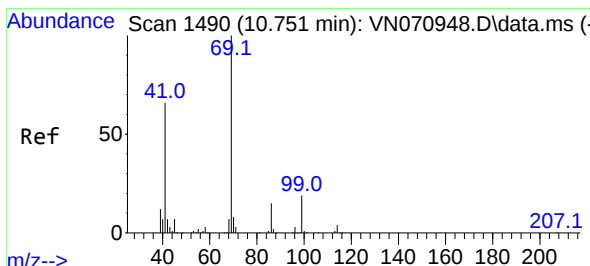
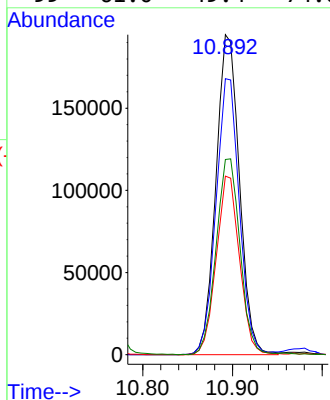
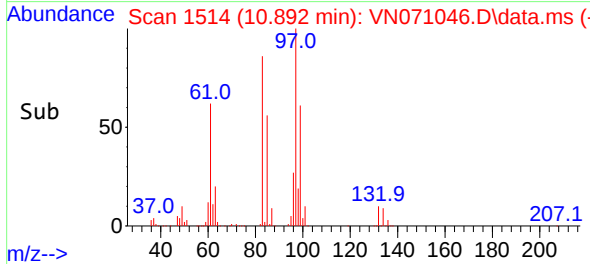


Tgt Ion: 97 Resp: 35425

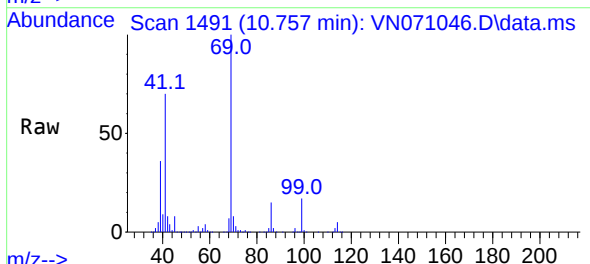
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.8	101.6
85	55.8	45.4	68.2
99	61.0	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

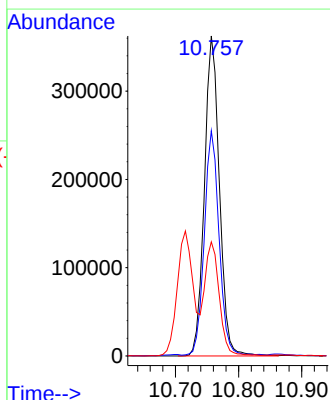
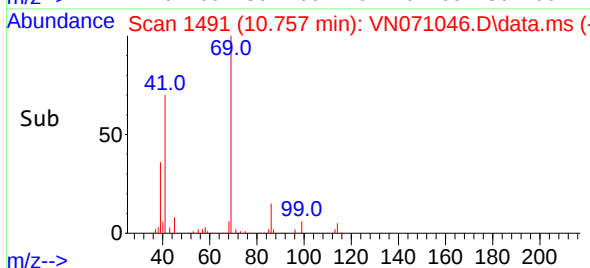


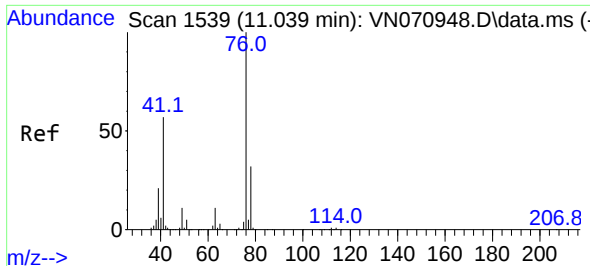
#56
Ethyl methacrylate
Concen: 57.214 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion: 69 Resp: 598802

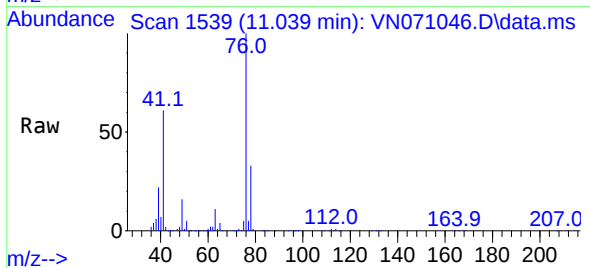
Ion	Ratio	Lower	Upper
69	100		
41	68.7	51.4	77.0
39	33.6	34.6	52.0





#57
1,3-Dichloropropane
Concen: 52.839 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

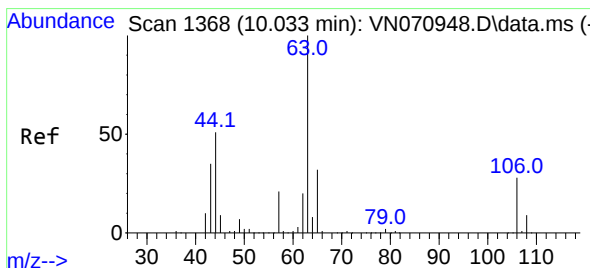
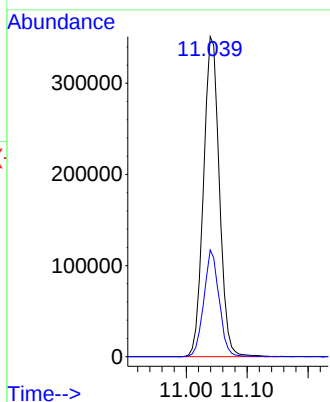
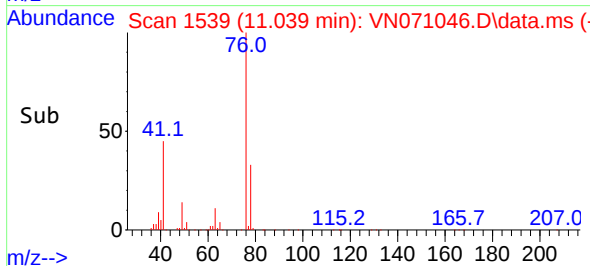
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



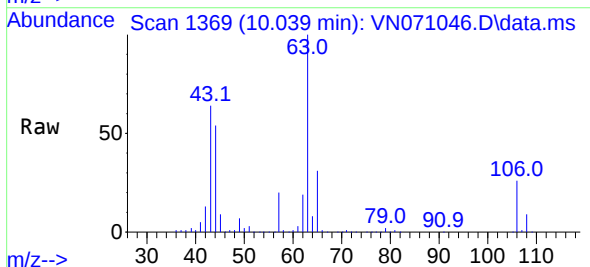
Tgt Ion: 76 Resp: 63487
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
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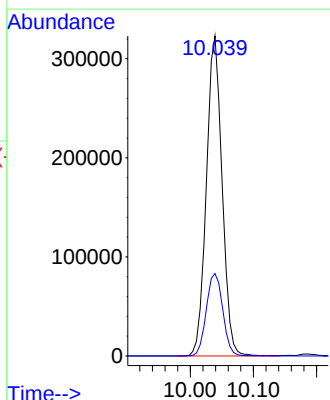
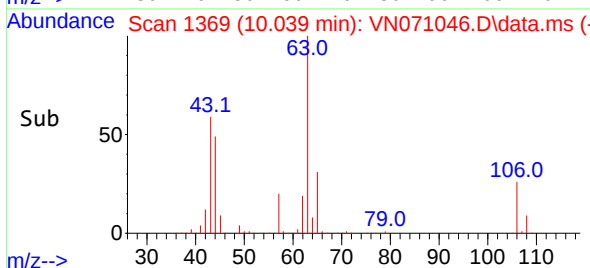
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

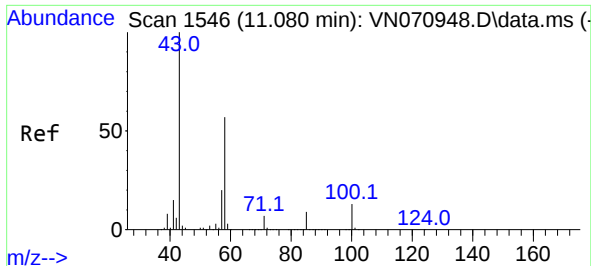


#58
2-Chloroethyl Vinyl ether
Concen: 240.976 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion: 63 Resp: 557941
Ion Ratio Lower Upper
63 100
106 27.0 23.9 35.9





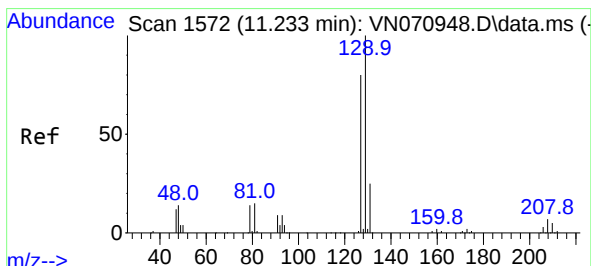
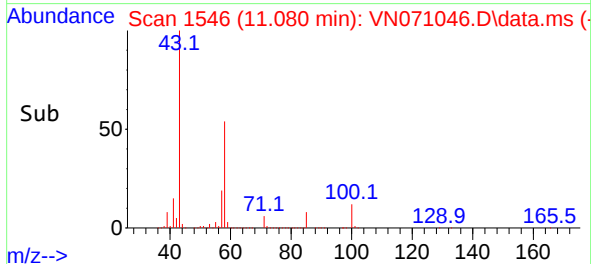
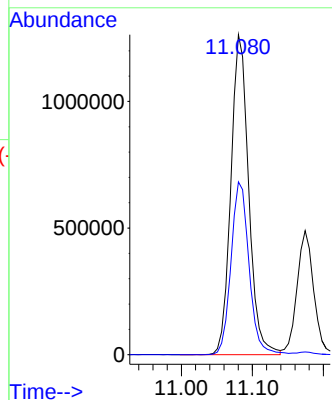
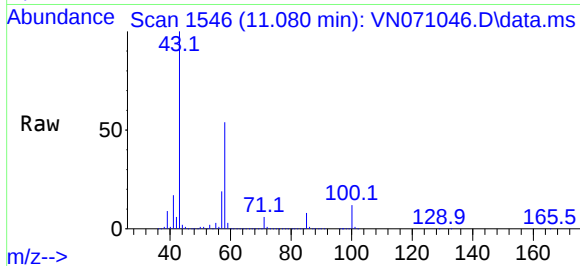
#59
2-Hexanone
Concen: 325.343 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 219720
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.7

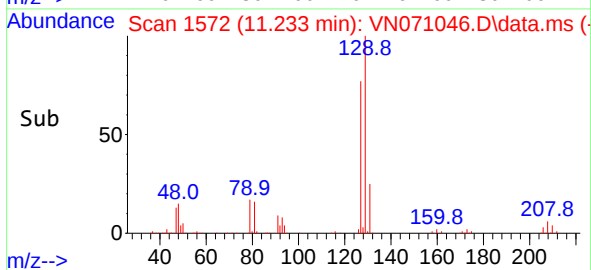
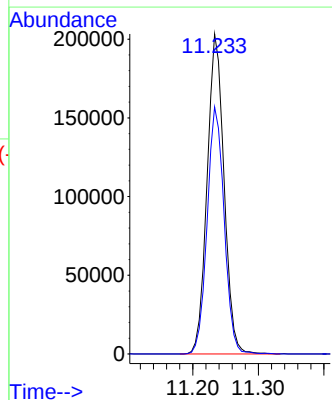
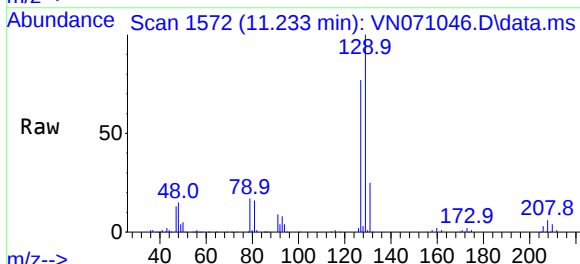
Manual Integrations
APPROVED

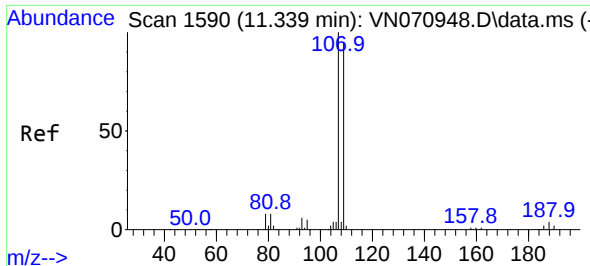
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#60
Dibromochloromethane
Concen: 49.745 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

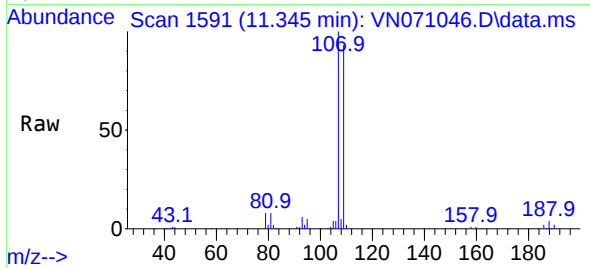
Tgt Ion:129 Resp: 365179
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.972 ug/l
RT: 11.345 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

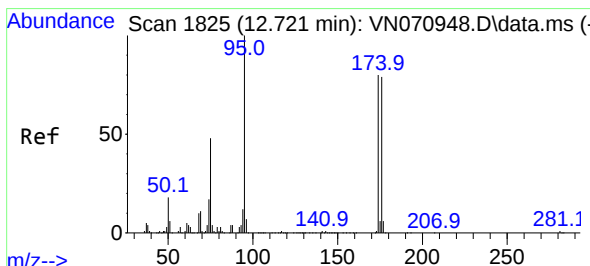
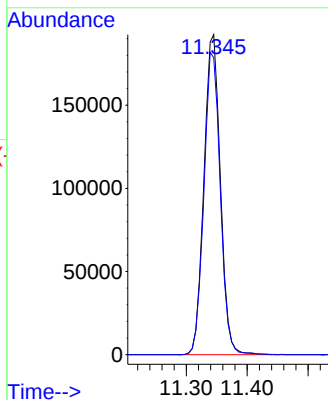
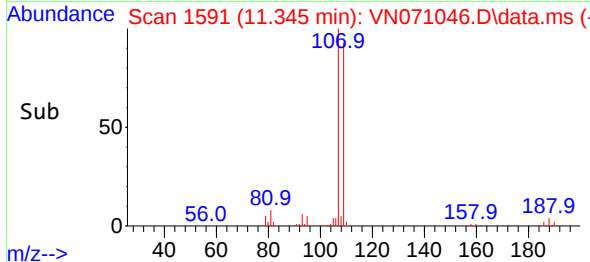
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



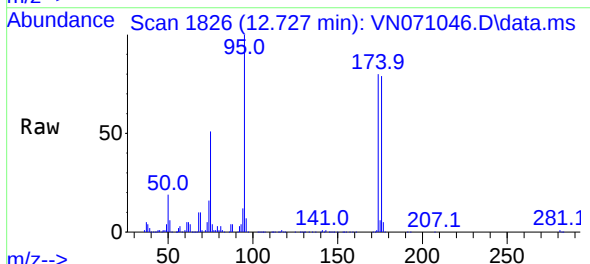
Tgt Ion:107 Resp: 36014
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

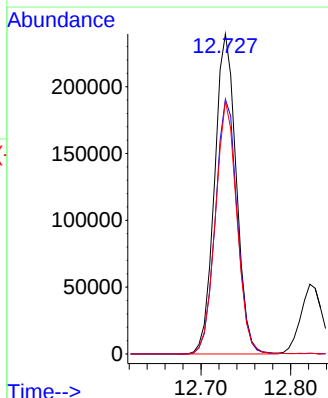
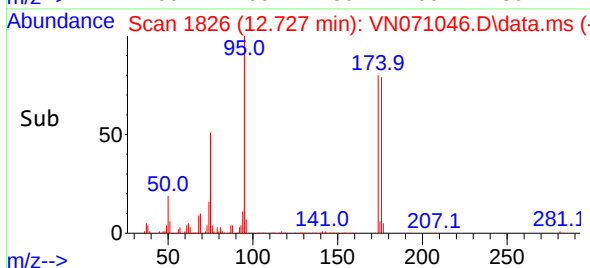
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

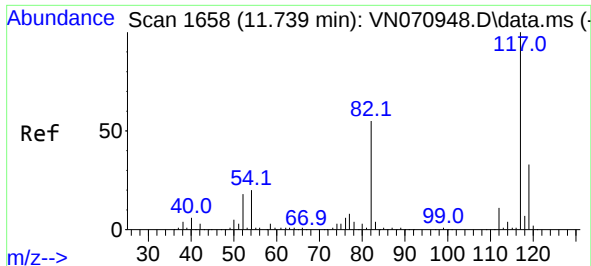


#62
4-Bromofluorobenzene
Concen: 47.958 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



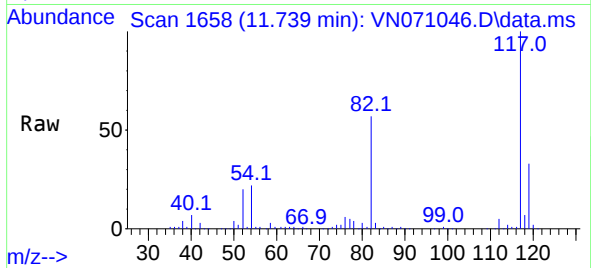
Tgt Ion: 95 Resp: 401183
Ion Ratio Lower Upper
95 100
174 80.2 0.0 187.2
176 78.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

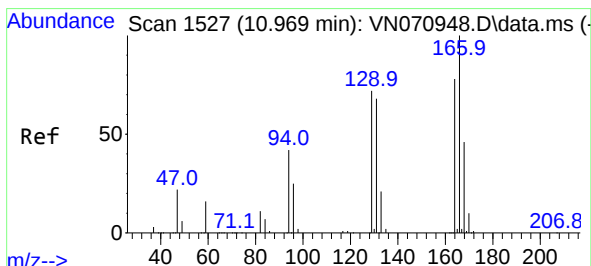
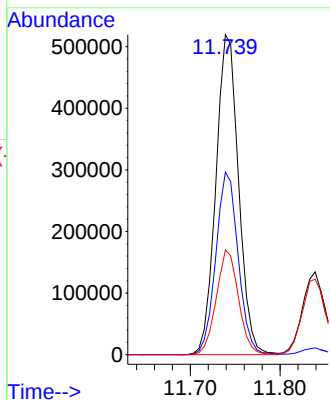
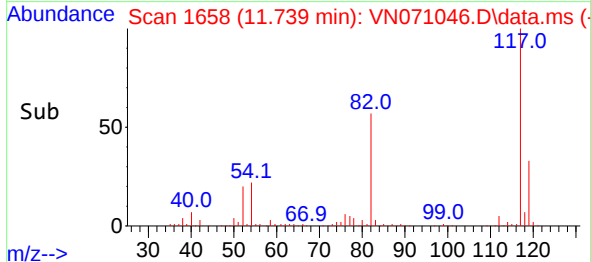
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



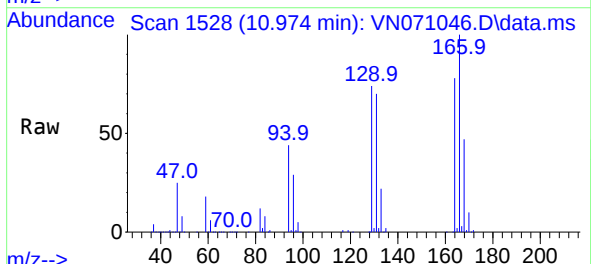
Tgt Ion:117 Resp: 91318
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 32.7 25.4 38.2

Manual Integrations
APPROVED

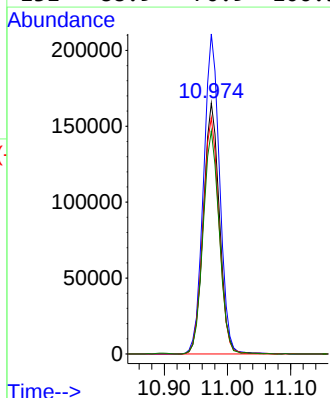
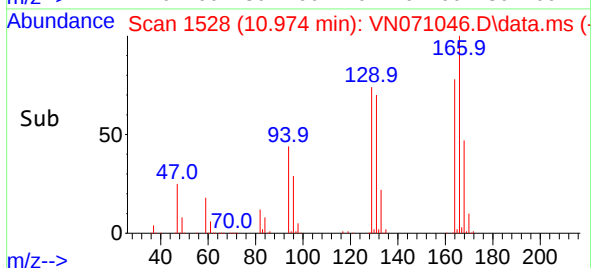
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

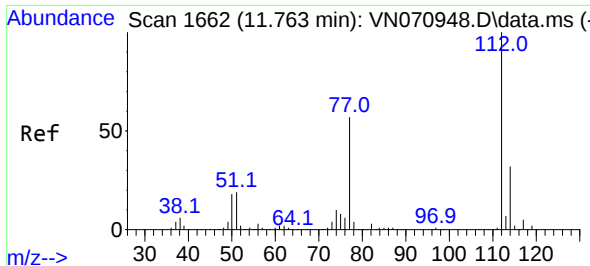


#64
Tetrachloroethene
Concen: 41.067 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



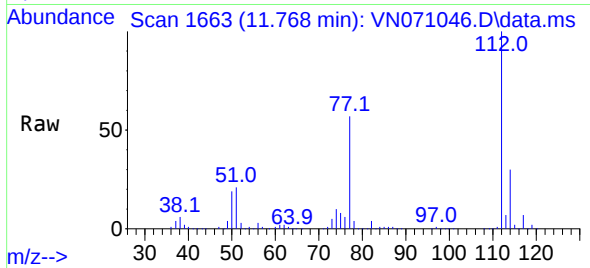
Tgt Ion:164 Resp: 292065
Ion Ratio Lower Upper
164 100
166 127.5 101.9 152.9
129 94.1 72.0 108.0
131 88.9 70.9 106.3





#65
Chlorobenzene
Concen: 46.962 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

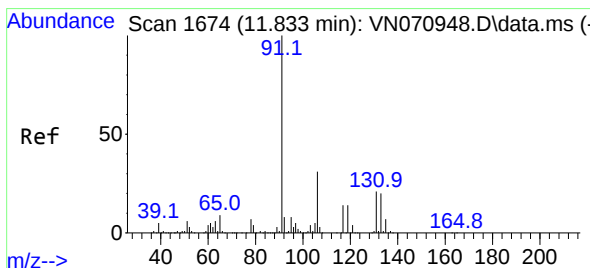
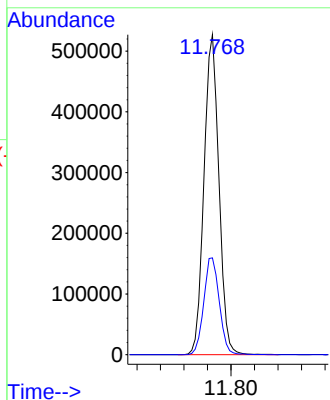
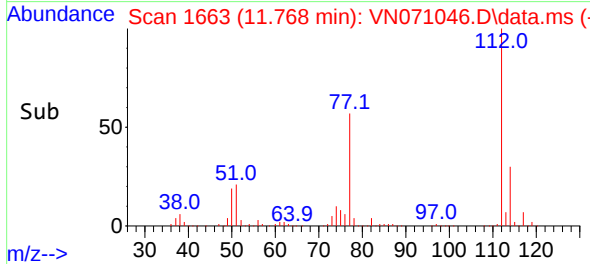
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



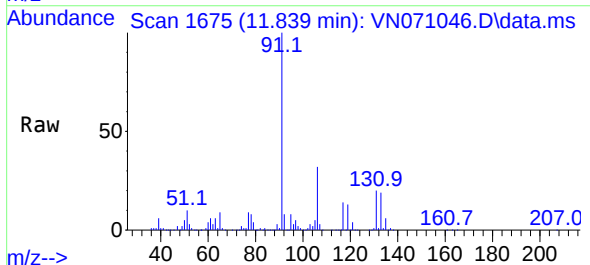
Tgt Ion:112 Resp: 924102
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.0

Manual Integrations
APPROVED

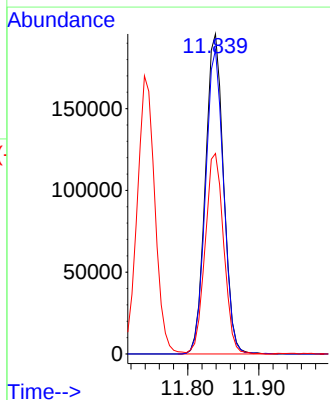
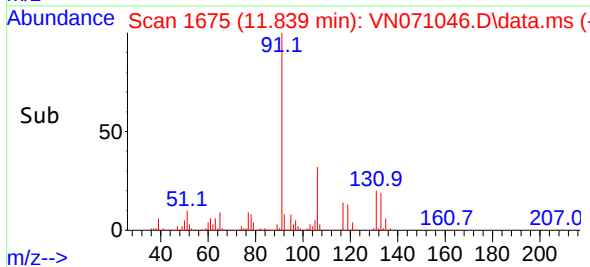
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

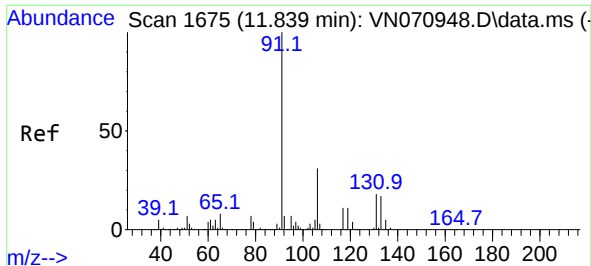


#66
1,1,1,2-Tetrachloroethane
Concen: 48.538 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion:131 Resp: 348157
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 63.9 32.1 96.5





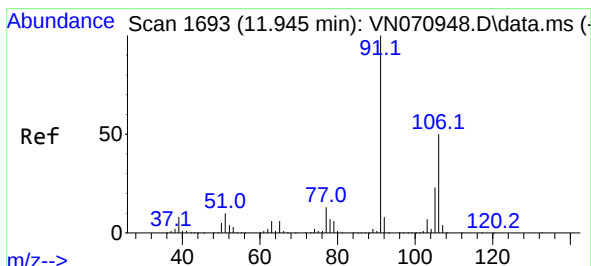
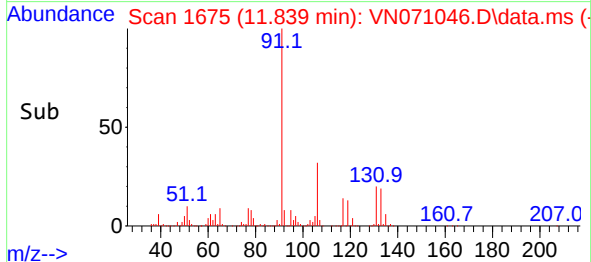
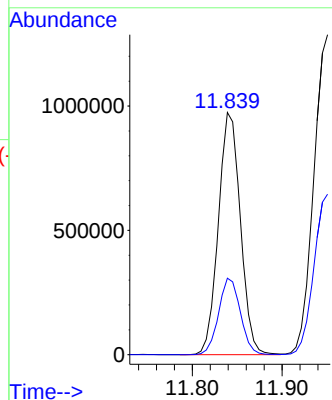
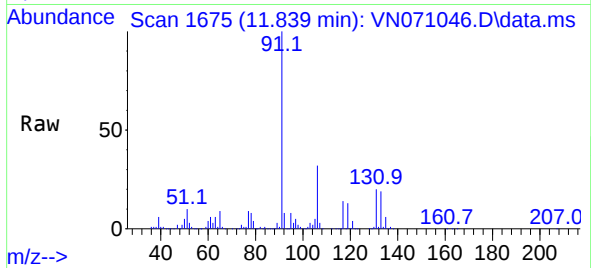
#67
Ethyl Benzene
Concen: 48.275 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 166259
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

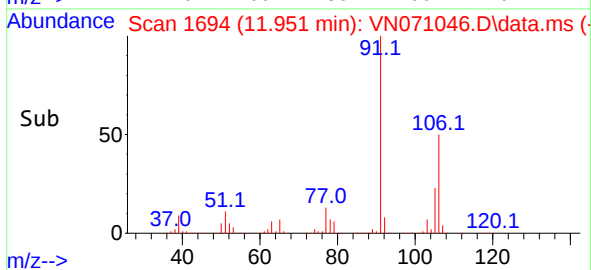
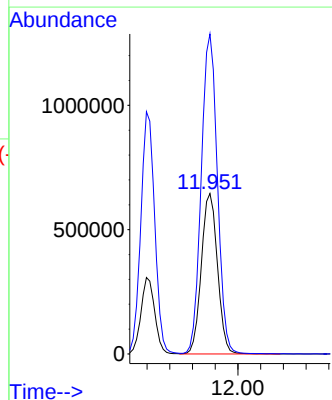
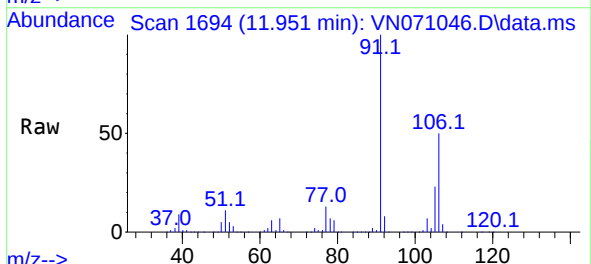
Manual Integrations
APPROVED

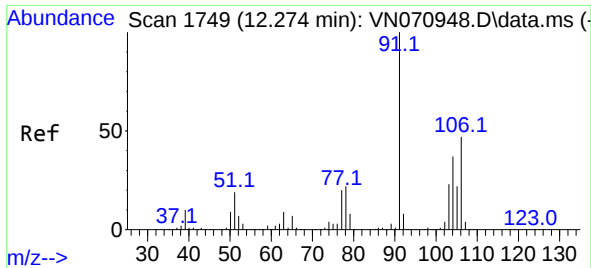
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#68
m/p-Xylenes
Concen: 95.344 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Tgt Ion:106 Resp: 1268391
Ion Ratio Lower Upper
106 100
91 199.5 160.6 240.8





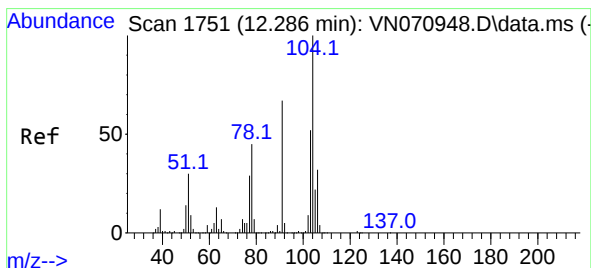
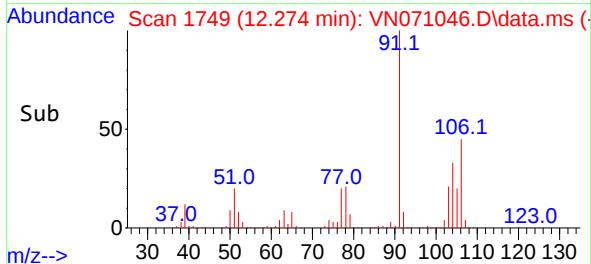
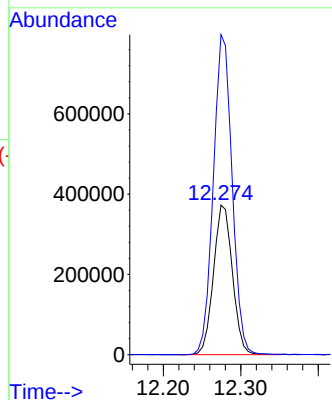
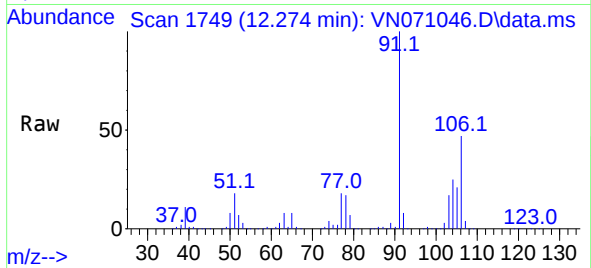
#69
o-Xylene
Concen: 48.583 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 63135
Ion Ratio Lower Upper
106 100
91 212.9 105.8 317.3

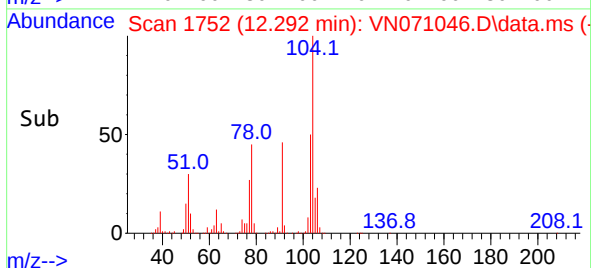
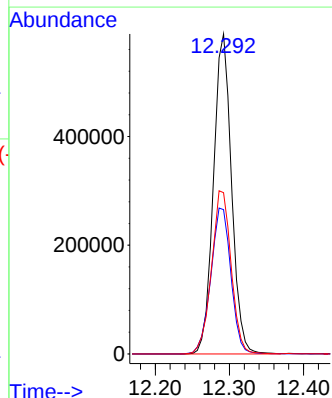
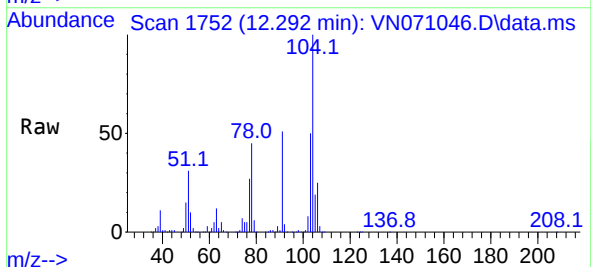
Manual Integrations
APPROVED

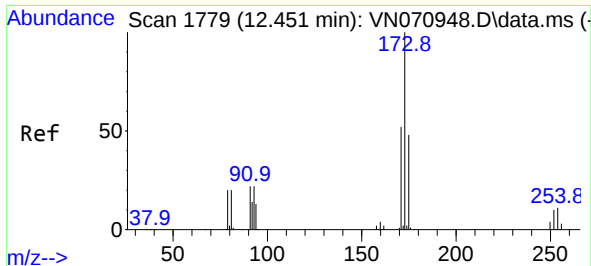
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#70
Styrene
Concen: 48.225 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

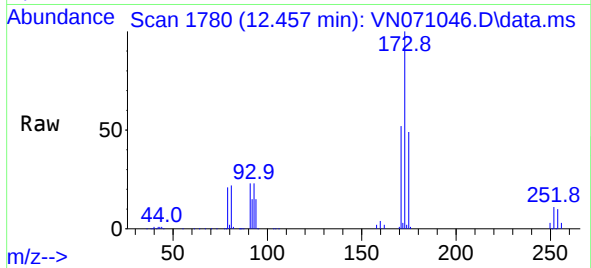
Tgt Ion:104 Resp: 996492
Ion Ratio Lower Upper
104 100
78 50.8 38.7 58.1
103 55.4 45.0 67.6





#71
Bromoform
Concen: 48.840 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

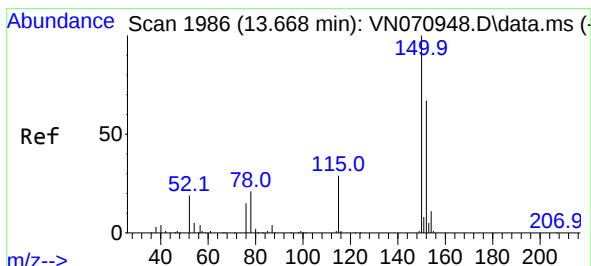
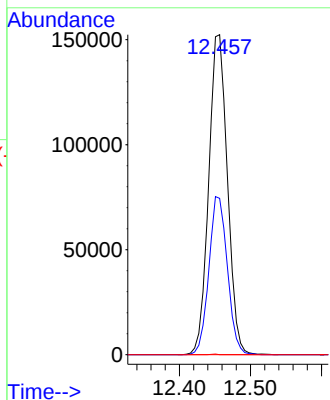
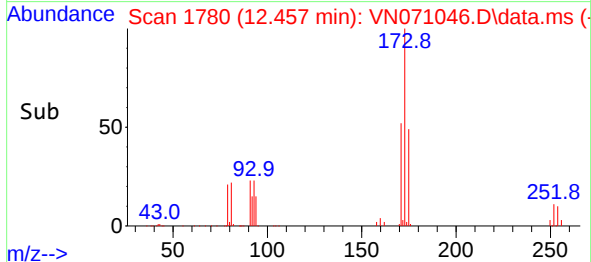
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



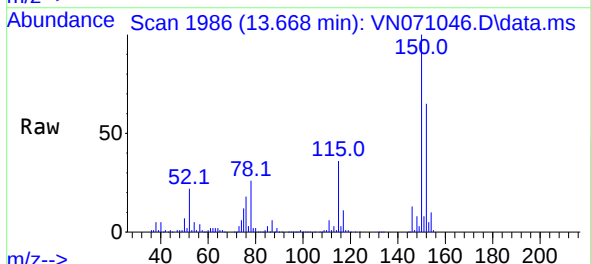
Tgt Ion:173 Resp: 279007
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

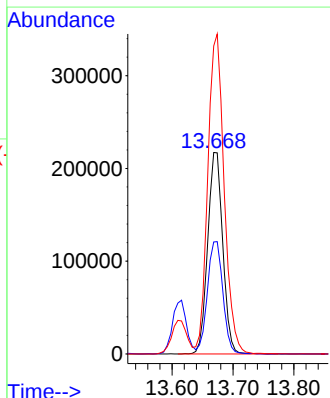
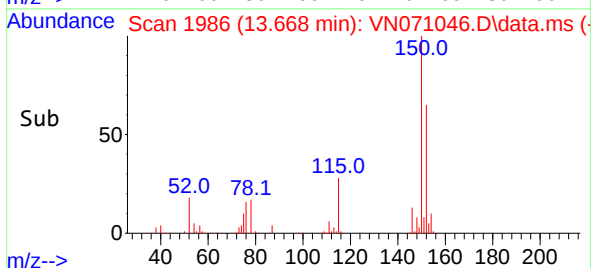
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

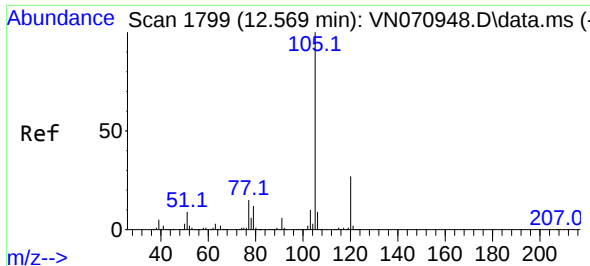


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



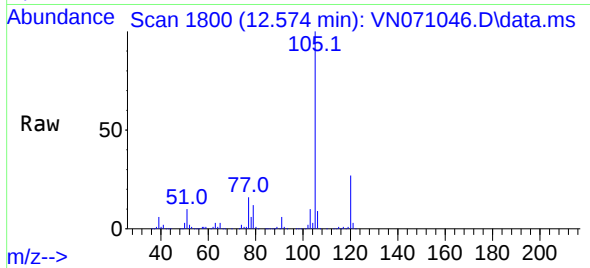
Tgt Ion:152 Resp: 374253
Ion Ratio Lower Upper
152 100
115 57.2 27.5 82.5
150 172.4 0.0 344.4





#73
Isopropylbenzene
Concen: 53.890 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

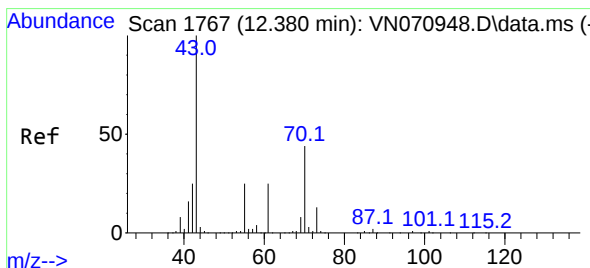
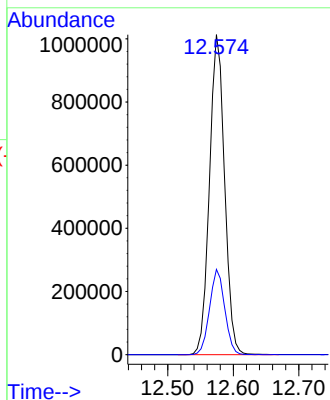
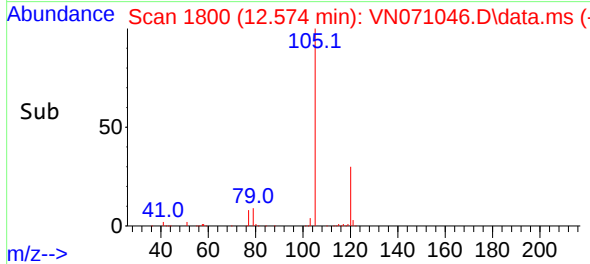
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



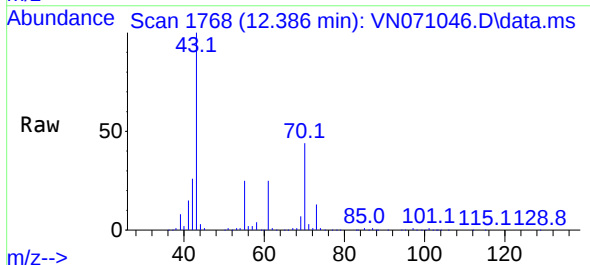
Tgt Ion:105 Resp: 1623394
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

Manual Integrations
APPROVED

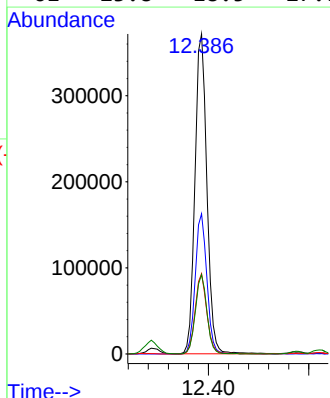
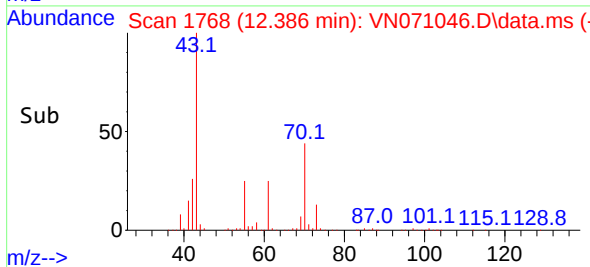
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

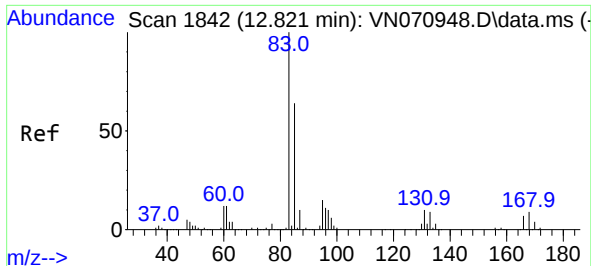


#74
N-ethyl acetate
Concen: 63.655 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



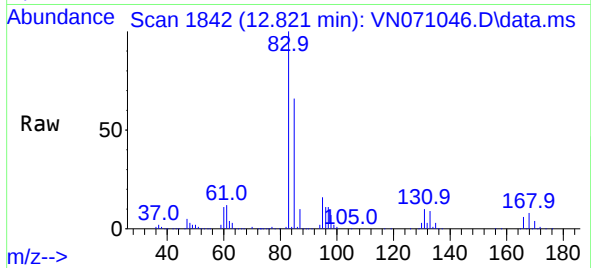
Tgt Ion: 43 Resp: 612958
Ion Ratio Lower Upper
43 100
70 42.8 33.4 50.0
55 24.7 19.3 28.9
61 23.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 58.049 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

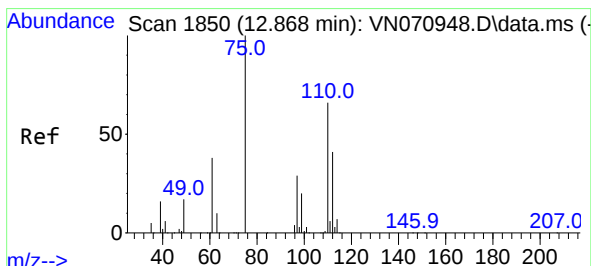
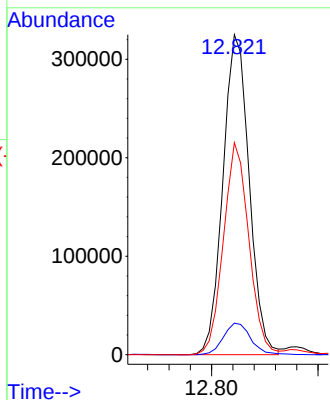
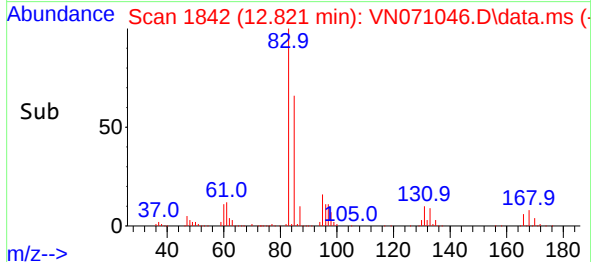
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



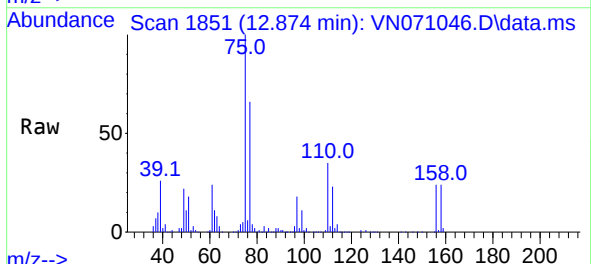
Tgt Ion: 83 Resp: 555679
Ion Ratio Lower Upper
83 100
131 10.3 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

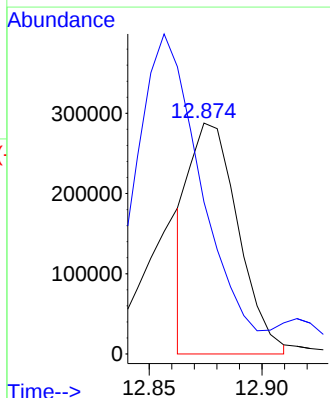
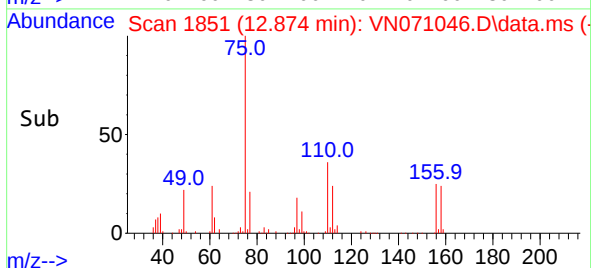
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

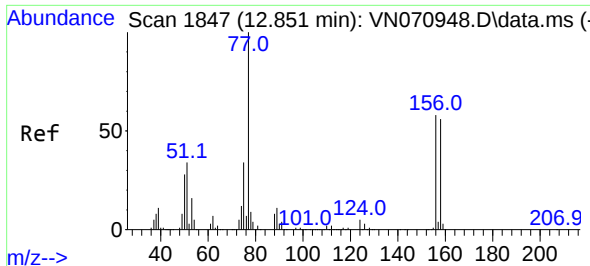


#76
1,2,3-Trichloropropane
Concen: 49.355 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



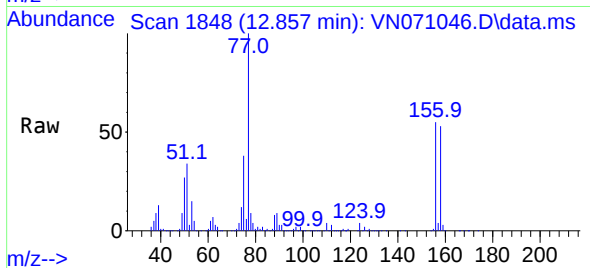
Tgt Ion: 75 Resp: 434910
Ion Ratio Lower Upper
75 100
77 189.6 82.6 247.8





#77
Bromobenzene
Concen: 51.050 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

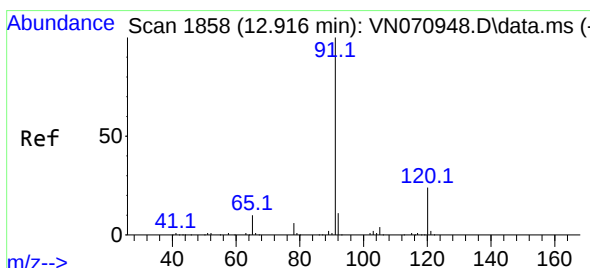
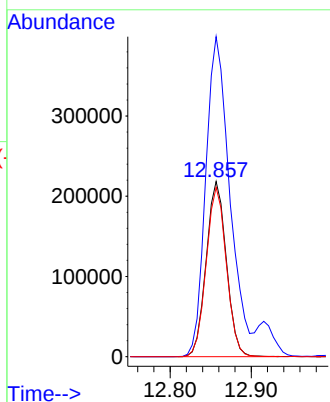
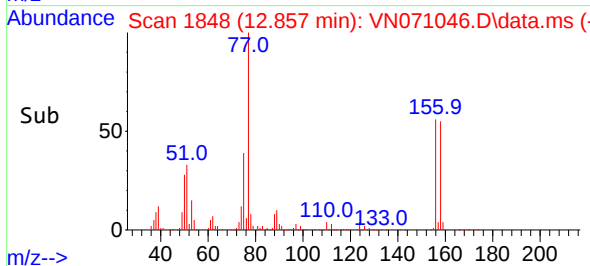
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 376468
Ion Ratio Lower Upper
156 100
77 219.1 90.6 271.8
158 96.7 48.9 146.7

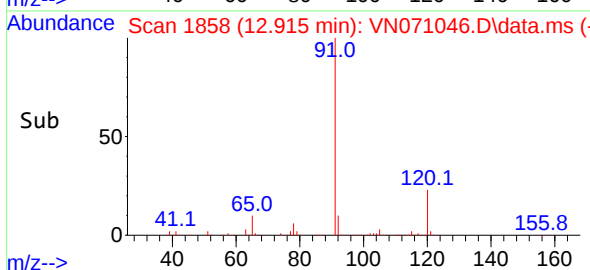
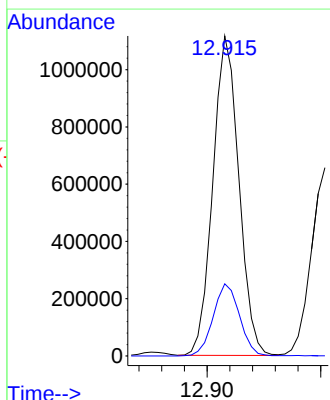
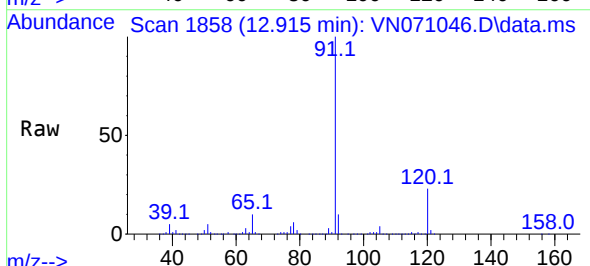
Manual Integrations
APPROVED

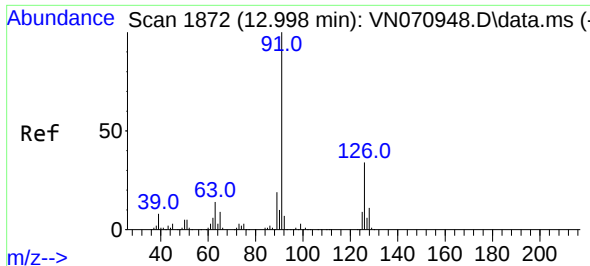
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#78
n-propylbenzene
Concen: 52.340 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Tgt Ion: 91 Resp: 1771512
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





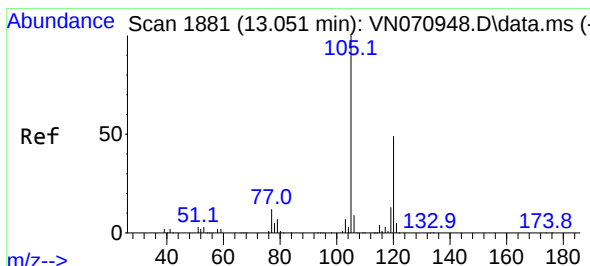
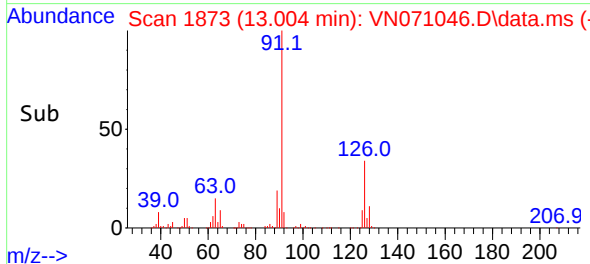
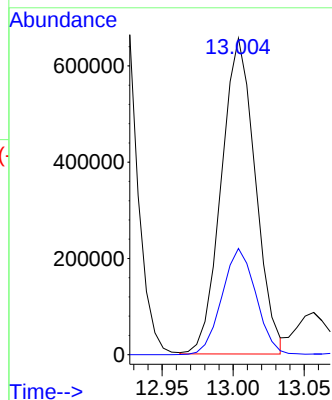
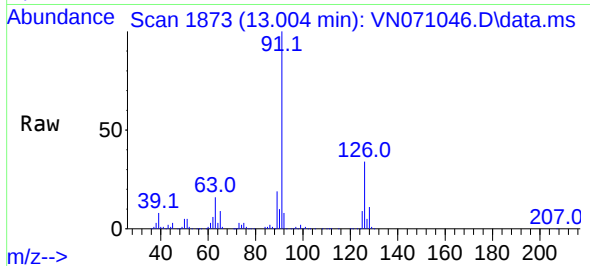
#79
2-Chlorotoluene
Concen: 53.190 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1093272
Ion Ratio Lower Upper
91 100
126 33.6 18.3 54.8

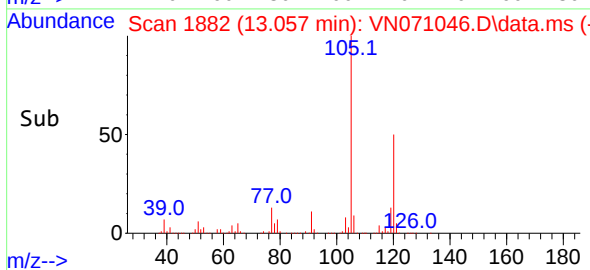
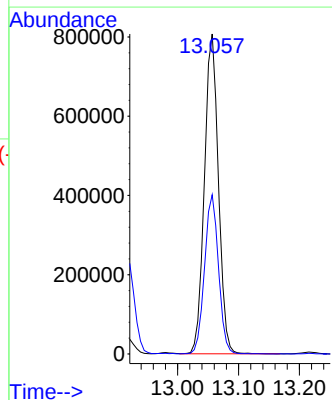
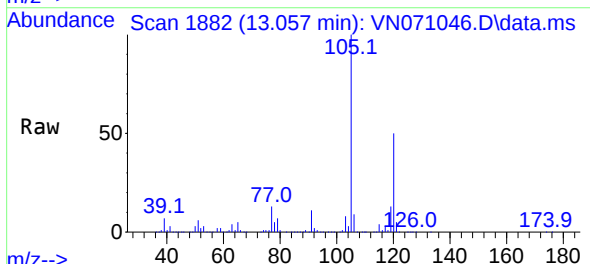
Manual Integrations
APPROVED

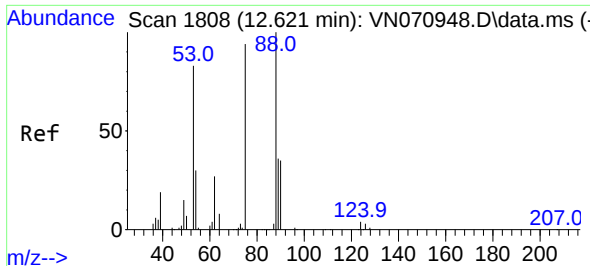
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.839 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

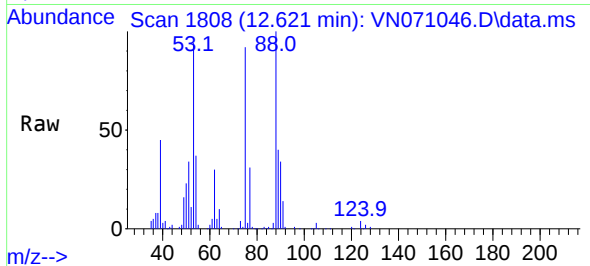
Tgt Ion:105 Resp: 1289533
Ion Ratio Lower Upper
105 100
120 49.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 55.300 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

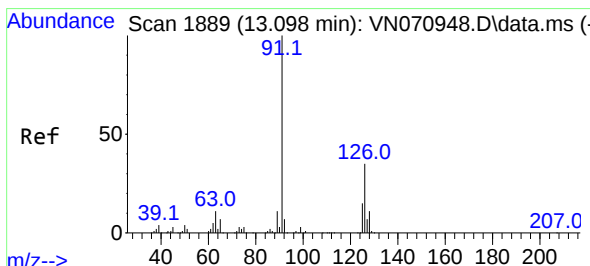
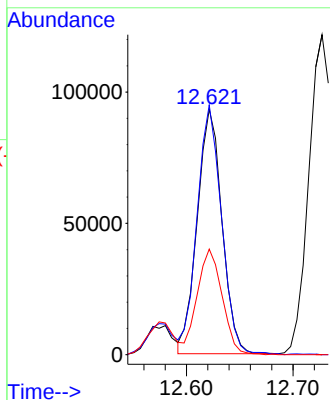
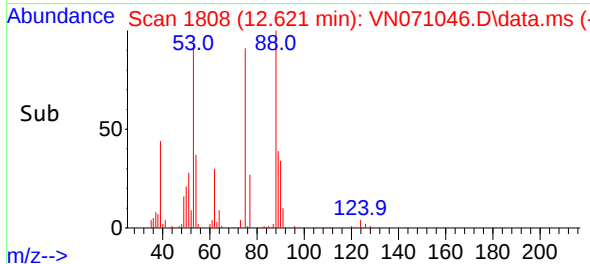
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



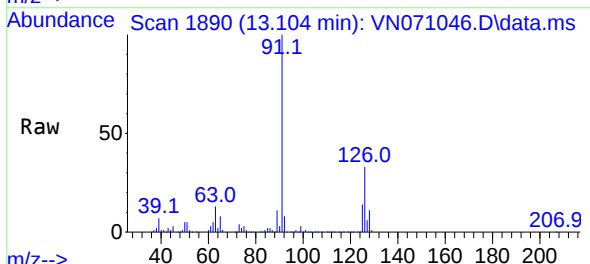
Tgt Ion: 75 Resp: 150378
Ion Ratio Lower Upper
75 100
53 101.4 90.5 135.7
89 43.1 38.2 57.4

Manual Integrations
APPROVED

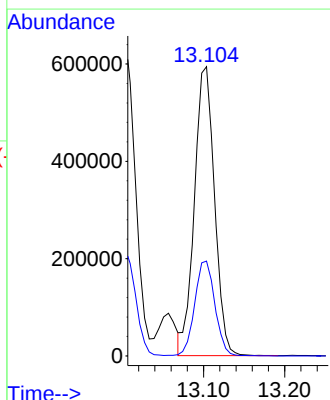
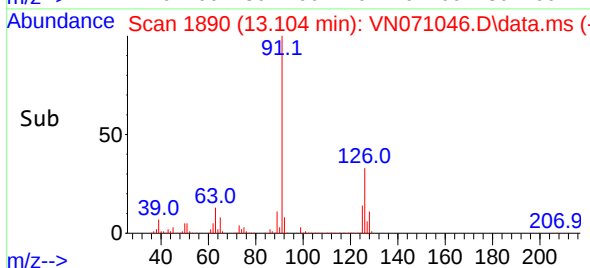
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

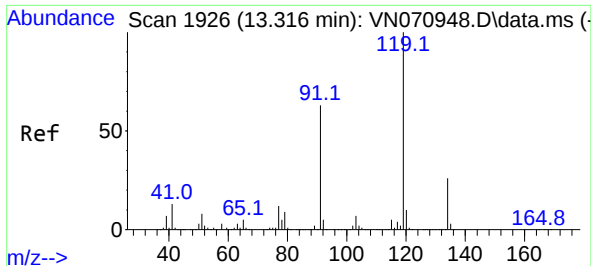


#82
4-Chlorotoluene
Concen: 51.269 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



Tgt Ion: 91 Resp: 1022932
Ion Ratio Lower Upper
91 100
126 33.1 18.2 54.6





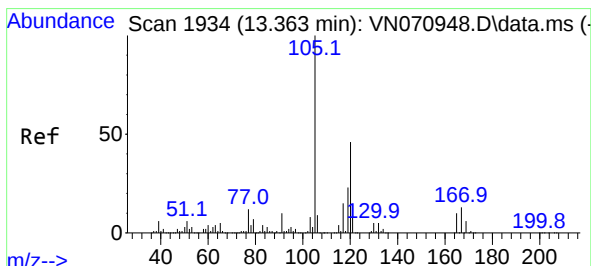
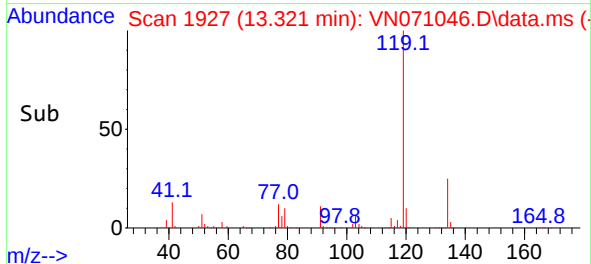
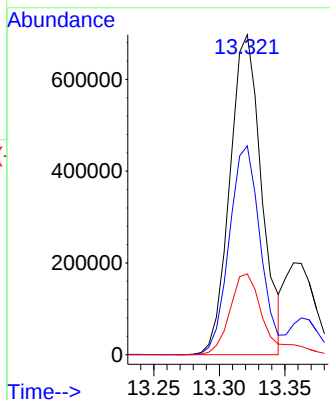
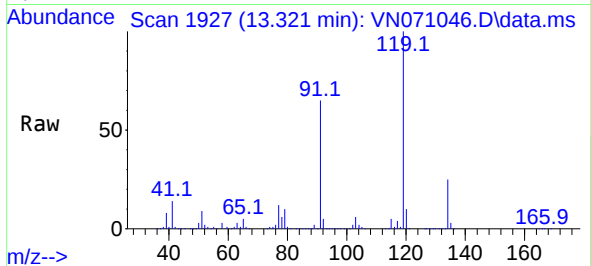
#83
tert-Butylbenzene
Concen: 50.804 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 1175878
Ion Ratio Lower Upper
119 100
91 64.9 31.5 94.5
134 27.2 12.4 37.4

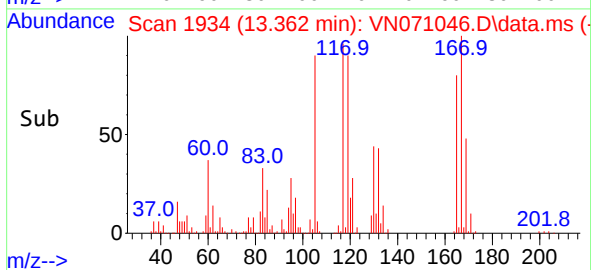
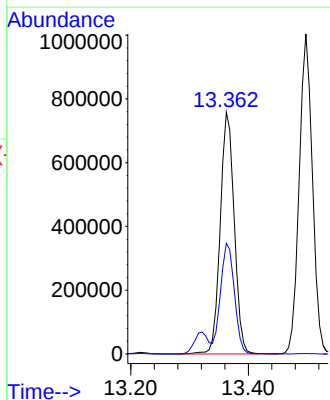
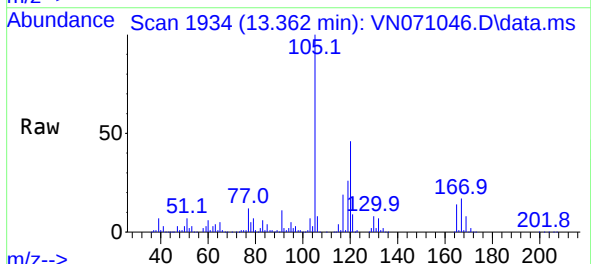
Manual Integrations
APPROVED

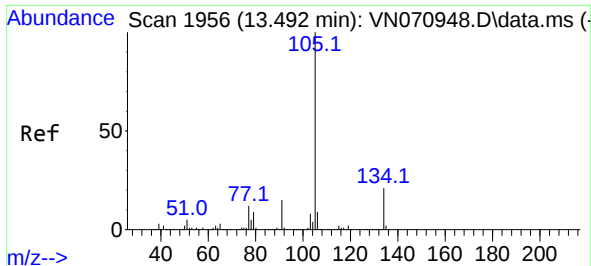
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.236 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

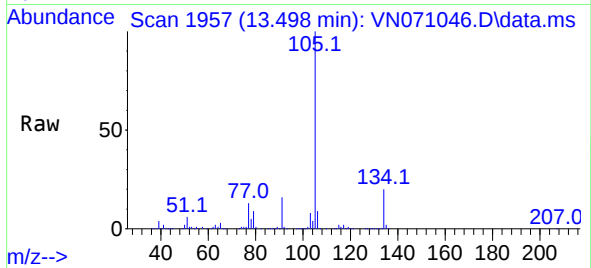
Tgt Ion:105 Resp: 1254919
Ion Ratio Lower Upper
105 100
120 45.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 51.414 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071046.D
 Acq: 23 Feb 2022 20:33

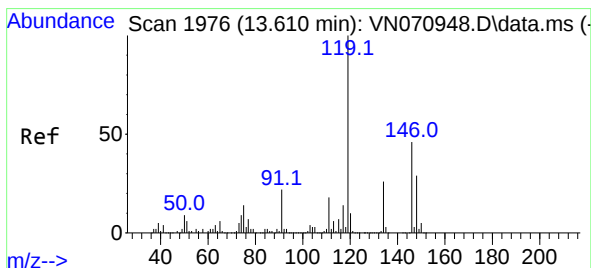
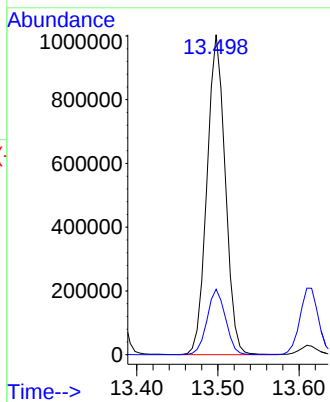
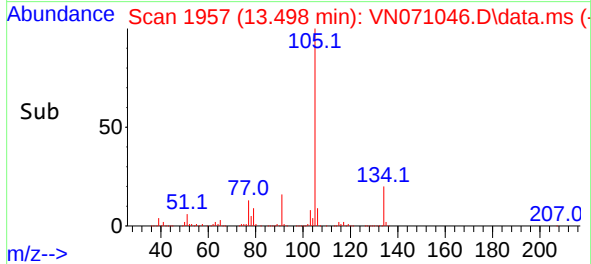
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



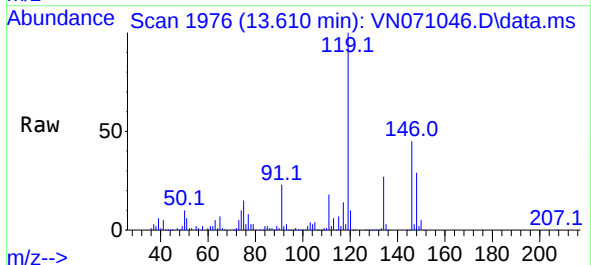
Tgt Ion:105 Resp: 1568008
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations
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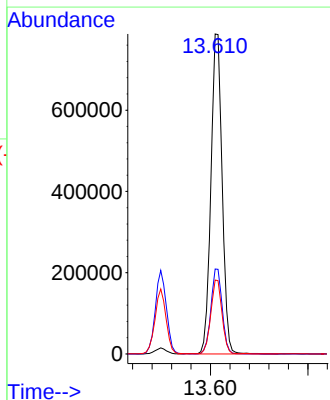
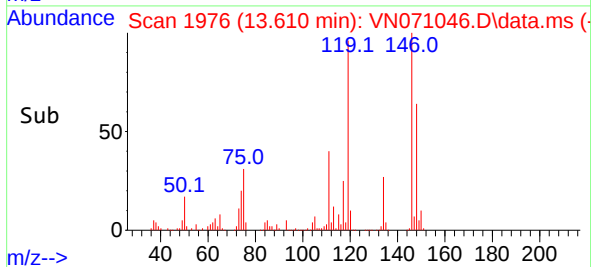
Reviewed By :John Carlone 02/24/2022
 Supervised By :Mahesh Dadoda 02/24/2022

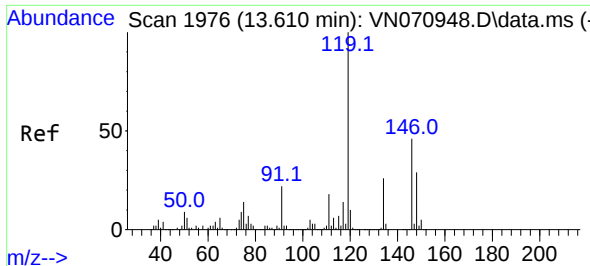


#86
 p-Isopropyltoluene
 Concen: 50.159 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071046.D
 Acq: 23 Feb 2022 20:33



Tgt Ion:119 Resp: 1255803
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 47.618 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071046.D

Acq: 23 Feb 2022 20:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

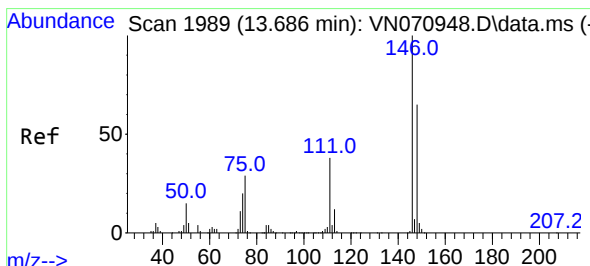
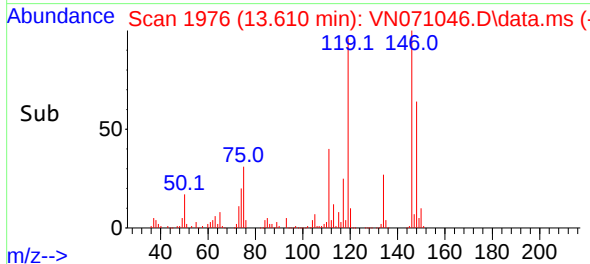
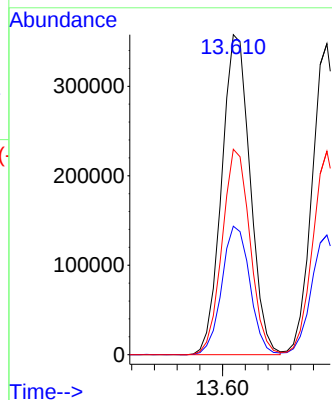
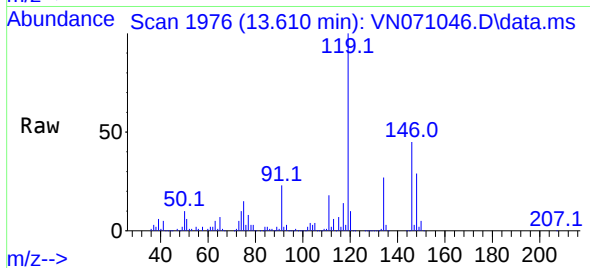
Tgt Ion:146 Resp: 621623
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.6 55.6
 148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/24/2022

Supervised By :Mahesh Dadoda 02/24/2022



#88

1,4-Dichlorobenzene

Concen: 45.957 ug/l

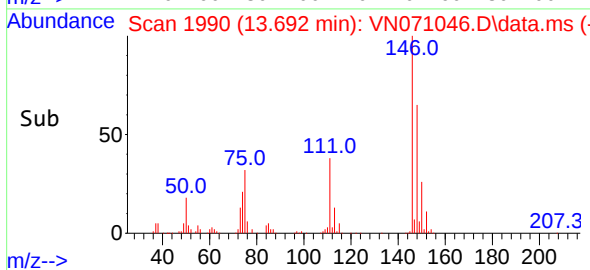
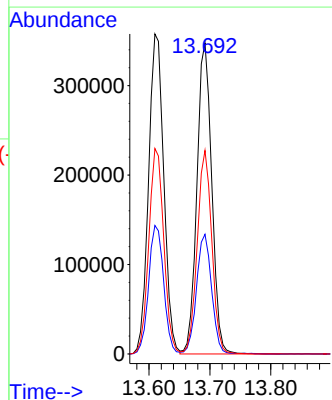
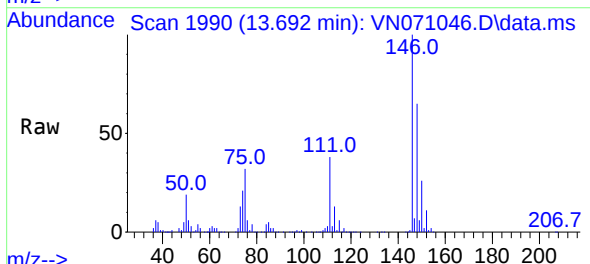
RT: 13.692 min Scan# 1990

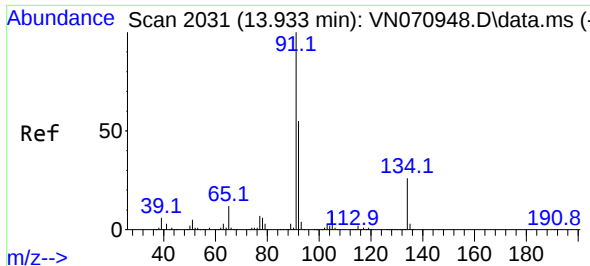
Delta R.T. 0.006 min

Lab File: VN071046.D

Acq: 23 Feb 2022 20:33

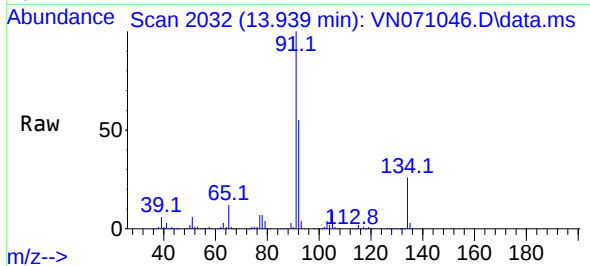
Tgt Ion:146 Resp: 587804
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.3 54.8
 148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 45.121 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

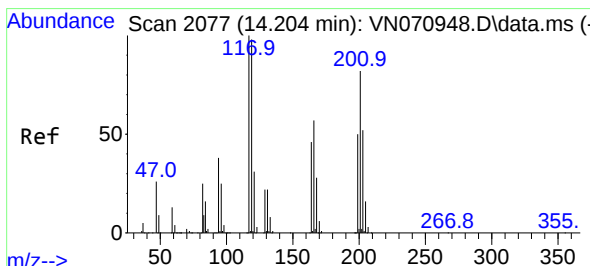
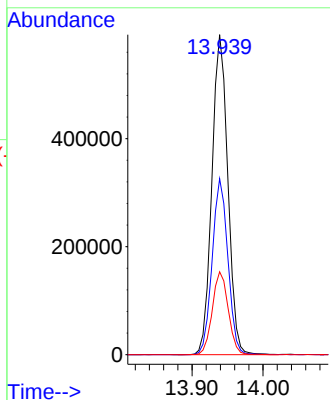
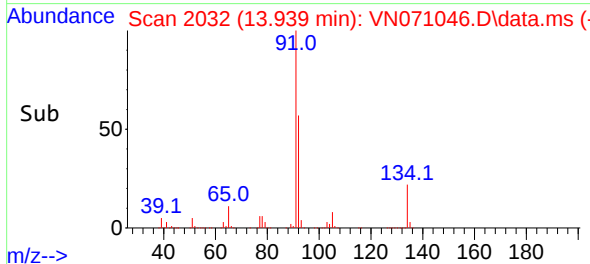
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 92166
Ion Ratio Lower Upper
91 100
92 54.3 25.4 76.0
134 25.9 13.6 40.8

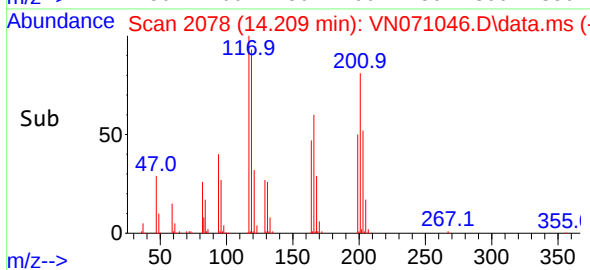
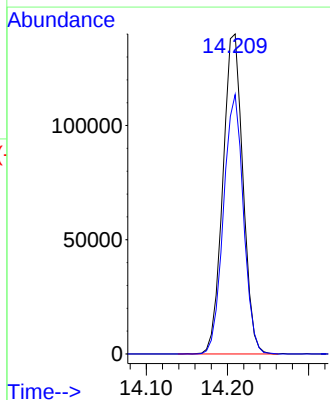
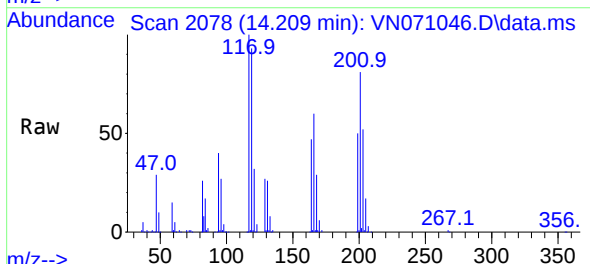
Manual Integrations
APPROVED

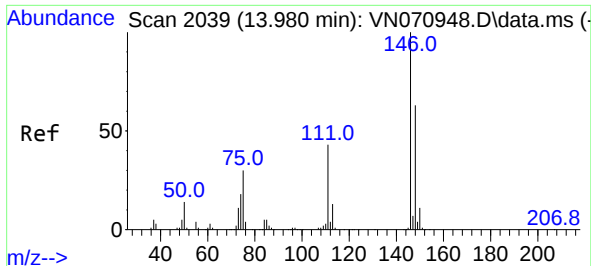
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#90
Hexachloroethane
Concen: 53.838 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

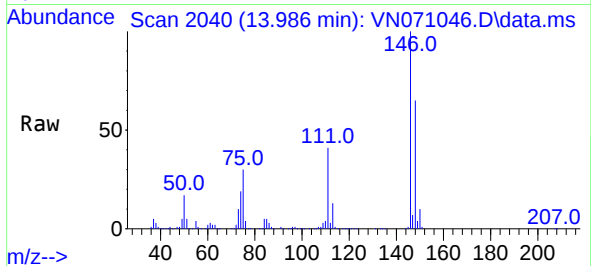
Tgt Ion:117 Resp: 240718
Ion Ratio Lower Upper
117 100
201 80.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.014 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

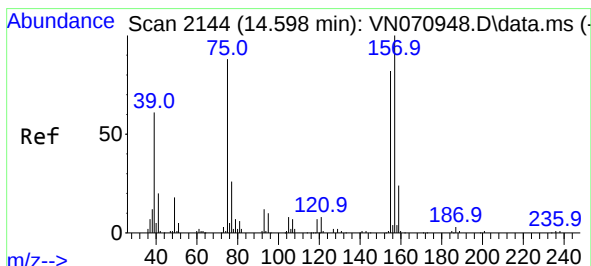
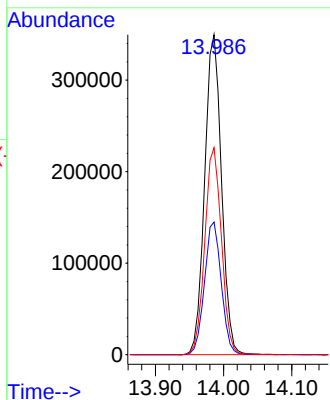
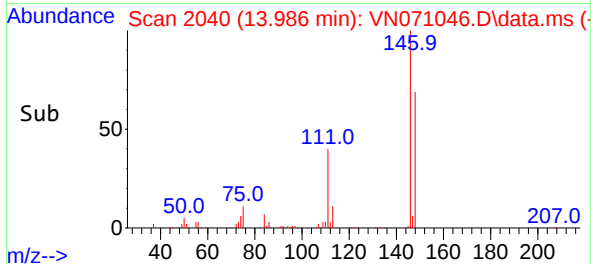
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 60083
Ion Ratio Lower Upper
146 100
111 41.4 19.1 57.3
148 64.3 32.1 96.3

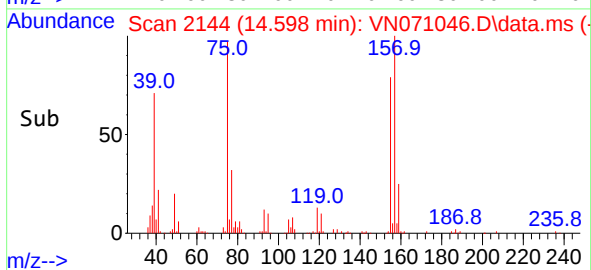
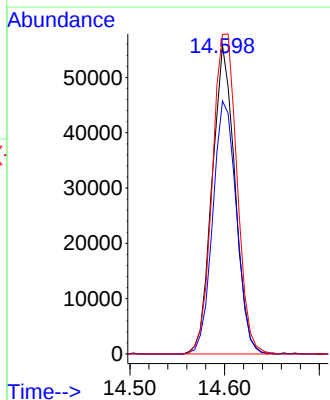
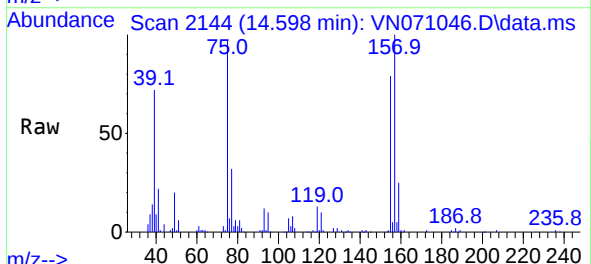
Manual Integrations
APPROVED

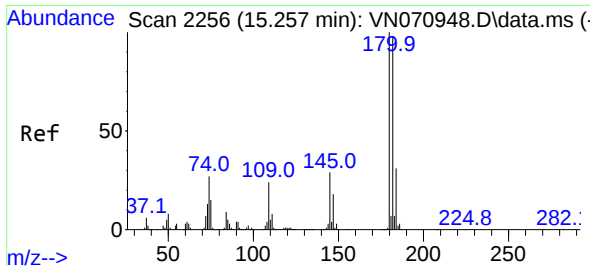
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.211 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

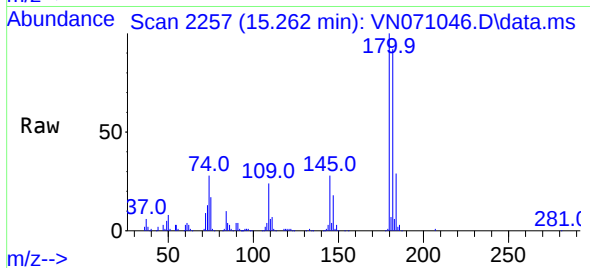
Tgt Ion: 75 Resp: 93385
Ion Ratio Lower Upper
75 100
155 85.2 46.9 140.7
157 112.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 39.533 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

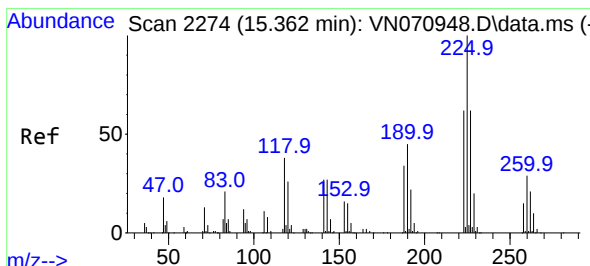
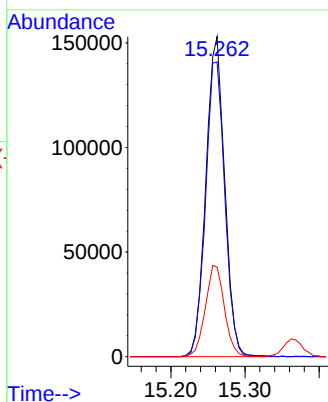
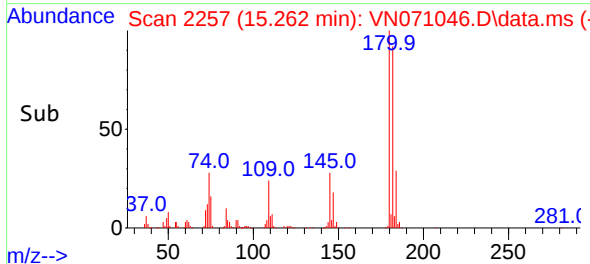
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



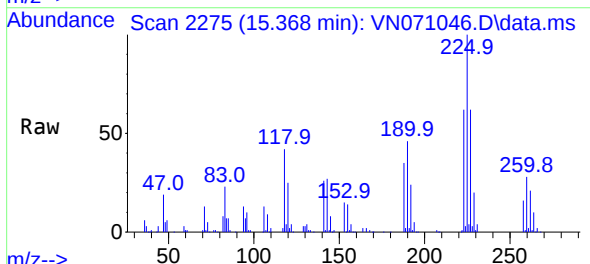
Tgt Ion:180 Resp: 26938
Ion Ratio Lower Upper
180 100
182 94.5 48.3 144.9
145 28.9 14.5 43.5

Manual Integrations
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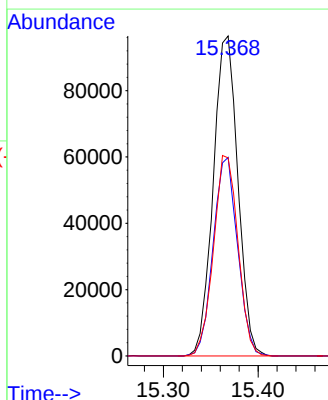
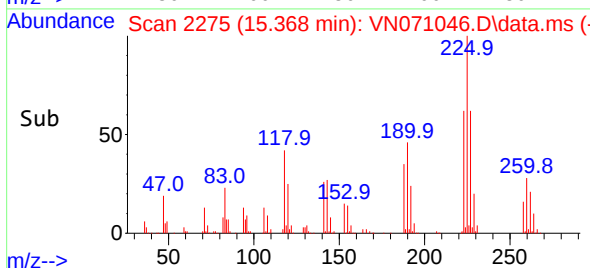
Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022

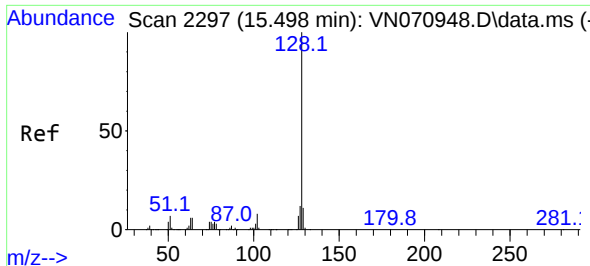


#94
Hexachlorobutadiene
Concen: 39.005 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33



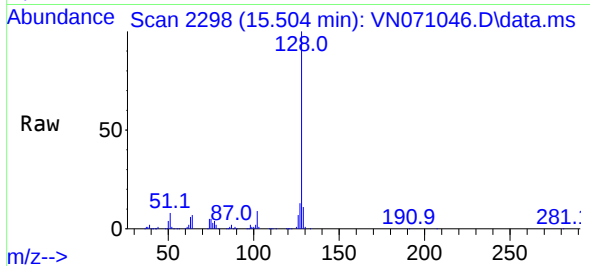
Tgt Ion:225 Resp: 174362
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.7
227 62.2 32.1 96.3





#95
Naphthalene
Concen: 41.896 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

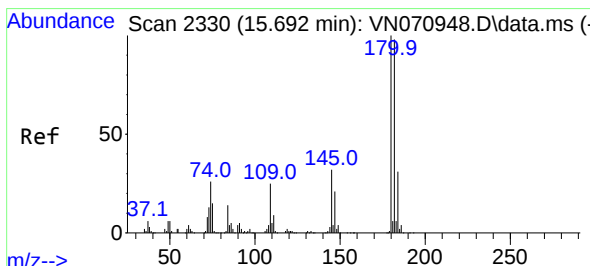
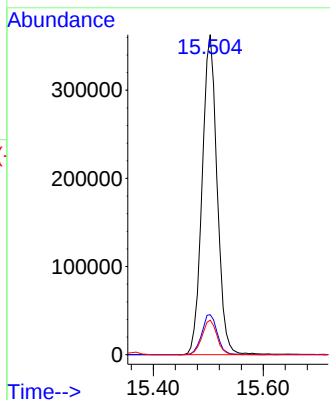
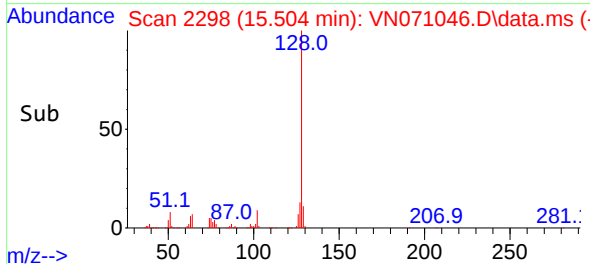
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 68597
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/24/2022
Supervised By :Mahesh Dadoda 02/24/2022



#96
1,2,3-Trichlorobenzene
Concen: 41.639 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071046.D
Acq: 23 Feb 2022 20:33

Tgt Ion:180 Resp: 261677
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 31.7 15.0 45.1

